

19990106.qrp v01_n328.qrl.990106

Date: Wed, 6 Jan 1999 19:17:30 EST

From: qrp-1@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: QRP-L digest 1328

QRP-L Digest 1328

Topics covered in this issue include:

- 1) [28845] Re: QSling
by Ron Stark <ku7y@dri.edu>
- 2) [28846] Re: Slingshots Nada-
by Mike Souhrada <wb9iog@revealed.net>
- 3) [28847] Butternut Butterfly beam
by "Tom Moll" <tomm@xata.com>
- 4) [28848] FS
by E L D <wd7y@pyramid.net>
- 5) [28849] Re: [AQRp] (no subject)
by Jim Lowman <jmlowman@ix.netcom.com>
- 6) [28850] OHR WM-1 wattmeter
by cverbil@jps.net
- 7) [28851] Re: Capacitor Current
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 8) [28852] Re: [AQRp] (no subject)
by Ron Stark <ku7y@dri.edu>
- 9) [28853] Thanks:ku7y for CY9AA
by Jay Bromley <w5jay@alltel.net>
- 10) [28854] QRpp Award
by wd3p@juno.com (Larry Cahoon)
- 11) [28855] TTL oscillator pulling.
by we6w@juno.com (Ed Loranger)
- 12) [28856] (Non-QRP) Nye Viking Tuner FS
by Michael Melland <badger@vbe.com>
- 13) [28857] Re: WHY?
by "Mitch Dickson" <mitch@volstate.net>
- 14) [28858] Re: Butternut Butterfly beam?
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 15) [28859] Re: Spartan Sprint & Sierra
by "Mitch Dickson" <mitch@volstate.net>
- 16) [28860] Re: Slingshots Nada-
by we6w@juno.com (Ed Loranger)
- 17) [28861] Re: Slingshots for launching
by "Jim Marciniak" <n1rui@together.net>
- 18) [28862] Re: The Millenium
by "Mitch Dickson" <mitch@volstate.net>
- 19) [28863] Re: Slingshots for launching

by wb8ygg@juno.com

20) [28864] OHR Spirit
by Peter James <mrpj@mindspring.com>

21) [28865] HWA-7-1 Power Supply Help
by "=?ISO-8859-7?Q?=C1=F0=FC=F3=F4=EF=EB=EF=F2_=C1._=CC=F0=EF=F5=F1=EF=FD=F3?
=?ISO-8859-7?Q?=E7=F2?=" <mak@compulink.gr>

22) [28866] =?iso-8859-1?Q?Re:_RE:Multiple_7805=B4s_for_Higher_Current=3F=3F?=
by "Mitch Dickson" <mitch@volstate.net>

23) [28867] Re: Is the new EleCraft Y2K compliant?
by "Mitch Dickson" <mitch@volstate.net>

24) [28868] RE: Nye Viking is Sold
by Michael Melland <badger@vbe.com>

25) [28869] Re: TTL oscillator pulling.
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

26) [28870] Re: BE VERY VERY CAREFUL with TEST messages!
by "Mitch Dickson" <mitch@volstate.net>

27) [28871] 1999 January QRP-L Project
by Chuck Adams <adams@ticnet.com>

28) [28872] Re: Slingshots for launching
by "Mitch Dickson" <mitch@volstate.net>

29) [28873] Mystery Paddle Revealed
by Chuck Adams <adams@ticnet.com>

30) [28874] DMM
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>

31) [28875] Re: Beacons & DX spots
by "Mitch Dickson" <mitch@volstate.net>

32) [28876] Re: 1999 January QRP-L Project
by Lee Bahr <bahr521@earthlink.net>

33) [28877] Re: Slingshots for launching
by "Frank Grigaliunas" <fgrig@iea.com>

34) [28878] Re: Slingshots Nada-
by "Frank West KE6VHM" <ke6vhm@earthlink.net>

35) [28879] Re: TTL oscillator pulling.
by Paul Harden <pharden@aoc.nrao.edu>

36) [28880] Bows and Arrow, a lesson learned LONG
by Lee Bahr <bahr521@earthlink.net>

37) [28881] Re: 1999 January QRP-L Project
by N7YA@aol.com

38) [28882] Re: 1999 January QRP-L Project
by N7YA@aol.com

39) [28883] Potpourri from the "Frozen North"
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>

40) [28884] BMHA, details, details...
by we6w@juno.com (Ed Loranger)

41) [28885] j-poles
by "Rud Merriam" <rmerriam@csi.com>

42) [28886] Re: TTL oscillator pulling.
by we6w@juno.com (Ed Loranger)

- 43) [28887] Re: WM-1
by cverbil@jps.net
- 44) [28888] Re: WM-1
by cverbil@jps.net
- 45) [28889] RE: Bows and Arrow, a lesson learned LONG
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 46) [28890] Canadian mil key update
by W7LS <w7ls@blarg.net>
- 47) [28891] Re: Slingshots Nada-
by mikemo@ibm.net
- 48) [28892] Low noise Circuit Grounding
by bill lazure <blazure@wstm.com>
- 49) [28893] RE: Bows and Arrow, a lesson learned LONG
by "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
- 50) [28894] Re: Slingshots for launching
by "John Evans - =?ISO-8859-1?Q?N=D8HJ"?= <jae@codenet.net>
- 51) [28895] CW QRP FOR SALE
by RangerSF5@aol.com
- 52) [28896] Y2K
by Bruce Rattray <rattray@gpfn.sk.ca>
- 53) [28897] Fw: Re: Slingshots for launching
by w2xn@juno.com (Fred J Kalt)
- 54) [28898] Re: Fw: Re: Slingshots for launching
by "John Evans - =?ISO-8859-1?Q?N=D8HJ"?= <jae@codenet.net>
- 55) [28899] North American Sprint CW
by NM5Mike@aol.com
- 56) [28900] Cold Weather Voice Propagation
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 57) [28901] cw filter
by Michael Maiorana <mikemo@ibm.net>
- 58) [28902] Re: Slingshots for launching
by Jeff Johnson <jeff@san-dc.com>
- 59) [28903] For Sale or Trade - Portable QRP Station
by Bill Jones <kd7s@psnw.com>
- 60) [28904] QRP Equipment Weights
by Sam Billingsley <SBillingsley@usaninc.com>
- 61) [28905] Elmer205: Xtal test setup sim
by "KA5T Larry Wise" <lewise@inetport.com>
- 62) [28906] QST January 1999
by n4so@juno.com (charles k brown)
- 63) [28907] Re: Low noise Circuit Grounding
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 64) [28908] Re: North American Sprint CW
by Ron Stark <ku7y@dri.edu>
- 65) [28909] The Y2K clock
by RangerSF5@aol.com
- 66) [28910] Slingshots etc.
by w4pj@w4bkx.ampr.org (Scott)

- 67) [28911] Re: Mystery Paddle Revealed
by "Marshall Emm" <mgemm@mtechnologies.com>
- 68) [28912] Son of FireBall: Payments received
by William-McShan@ouhsc.edu (Mike McShan)
- 69) [28913] Re: Fw: Re: Slingshots for launching
by "George T. Baker" <w5yr@swbell.net>
- 70) [28914] FS ARK 20-M
by RangerSF5@aol.com
- 71) [28915] last resort or it's south from here...
by hamjoel@juno.com
- 72) [28916] Re: QRP Equipment Weights
by William-McShan@ouhsc.edu (Mike McShan)
- 73) [28917] TRANSFORMER NEEDED
by Brad Bradfield <b_bradfield@yahoo.com>
- 74) [28918] Re: Potpourri from the "Frozen North"
by William-McShan@ouhsc.edu (Mike McShan)
- 75) [28919] N2DAN paddle on ebay
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 76) [28920] Re: cw filter
by "George T. Baker" <w5yr@swbell.net>
- 77) [28921] IC-706 OWNER SURVEY RESULTS
by Brad Bradfield <b_bradfield@yahoo.com>
- 78) [28922] for Jon ea2sn
by William-McShan@ouhsc.edu (Mike McShan)
- 79) [28923] FS AND CLAIMED
by E L D <wd7y@pyramid.net>
- 80) [28924] Re: The Millenium
by Jim Glover <psykey@okcforum.org>
- 81) [28925] FS: QRPP collection, complete
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 82) [28926] WANTED: NC40A/5W or unbuilt kit
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 83) [28927] Re: N2DAN paddle on ebay
by Vic Rosenthal <rakefet@rakefet.com>
- 84) [28928] Re: The Millenium
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 85) [28929] Qrp Knwd ts-440at
by dave_epps@juno.com
- 86) [28930] ICOM706
by Roy <marion@montana.com>
- 87) [28931] FireBall 40 - problem?
by "Franco, Nicholas J" <franco@bnl.gov>
- 88) [28932] Re: Is the new EleCraft Y2K compliant? - YES
by "Eric Swartz - WA6HHQ, Elecraft" <erics@elecraft.com>
- 89) [28933] 5105 Diode/Rectifier
by afpgreg@state.me.us (Paul V. Gregory)
- 90) [28934] Mail Order Mizuho Products
by Baranger1@aol.com

- 91) [28935] Frequency Meter Schematics?
by Ab5wx@aol.com
- 92) [28936] QRPp collection SOLD
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 93) [28937] RE: Cold Weather Voice Propagation
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 94) [28938] Re: The Millenium
by Dave Sjolin <sjolin@swbell.net>
- 95) [28939] Re: N2DAN paddle on ebay
by Chris Cartwright <ccart@dns.vidtel.com>
- 96) [28940] CB Conv- Uniden PC122XL
by "Steven Weber" <kd1jv@moose.ncia.net>
- 97) [28941] To QSL or not to QSL....
by Brian Murrey <brian@iquest.net>
- 98) [28942] FS: IC720A
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 99) [28943] North American QSO Party
by NM5Mike@aol.com
- 100) [28944] FS: Mizuho Handhelds
by Ed Manuel <n5em@flash.net>
- 101) [28945] Re: N2DAN paddle on ebay
by w2bj@juno.com (Barry J Minsky)
- 102) [28946] N2DAN paddle on eBay
by "Dave Maliniak" <dmaliniak@penton.com>
- 103) [28947] Elmer205: Xtal test setup - PSpice 6.0
by "KA5T Larry Wise" <lewise@inetport.com>
- 104) [28948] Replacement for MPS 3866 Transistor ?
by "Juan David Zuloaga" <hk4bmg@epm.net.co>
- 105) [28949] Notice of North Georgia QRP Group Meeting Feb 6th, 1999
by Sam Billingsley <SBillingsley@usaninc.com>
- 106) [28950] RE: PS Spice 6.0
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 107) [28951] Re: To QSL or not to QSL....
by Hank Kohl K8DD <k8dd@contesting.com>
- 108) [28952] Handy Solar/Geomagnetic Activity Charts
by Paul Harden <pharden@aoc.nrao.edu>
- 109) [28953] for shame: I get serious too late...
by hamjoel@juno.com
- 110) [28954] Re: North American QSO Party
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 111) [28955] Re: Fw: Re: Slingshots for launching
by Peter Larsen <larsenp@cadvision.com>
- 112) [28956] Re: Handy Solar/Geomagnetic Activity Charts
by "John Evans - =?ISO-8859-1?Q?N=D8HJ"?= <jaevans@codenet.net>
- 113) [28957] Re: North American QSO Party
by Ron Stark <ku7y@dri.edu>
- 114) [28958] Brad Bradfield : Transformer needed
by "Larry H. Lyda" <wa4pjp@volstate.net>

- 115) [28959] Re: Y2K
by Peter Larsen <larsenp@cadvision.com>
116) [28960] Re: Handy Solar/Geomagnetic Activity Charts
by James Parsons <k5rov@wcc.net>
117) [28961] re: IC-706 OWNERS SURVEY
by Brad Bradfield <b_bradfield@yahoo.com>

Date: Tue, 5 Jan 1999 15:41:26 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28845] Re: QSLing
Message-ID: <Pine.SOL.3.96.990105141813.26357A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 Jan 1999, Vic Rosenthal wrote:

> Brian Murrey wrote:
>
> > nightly, takes 10 minutes and a buck worth of postage. It's just common
> > courtesy.
>
> I think that it's nice that you QSL al of your contacts, but I really don't
> think I am a discourteous drag because I don't! I think QSLing is an optional
> activity, and failure to QSL is not on par with tuning up on top of the fox with
> 10 KW or something.

I agree with Vic.

I reply to all cards sent and it's nice when an SASE is there but
that's not necessary. And I don't mind returning QSL cards. I also
enjoy getting them.

However, I DO NOT qsl all QSOs. I make about 2,000+ QSOs per year
and hope to get that up to 5,000 at least. I too don't want to
change the hobby into paper pushing!

> I did send a card to VK0IR).

I haven't yet.... but one of these days.... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 05 Jan 1999 17:48:20 -0600
From: Mike Souhrada <wb9iog@revealed.net>
To: weber@accenttech.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28846] Re: Slingshots Nada-
Message-ID: <3692A4C4.5738@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rick Weber wrote:

>

Suggest anyone attempting this, use a straight bow, setup for
bowfishing.

Far more accurate (with practice). Compounds are ok but have more range
than needed.

Mike

Date: Tue, 5 Jan 1999 17:44:15 -0600
From: "Tom Moll" <tomm@xata.com>
To: <qrp-l@lehigh.edu>
Subject: [28847] Butternut Butterfly beam
Message-ID: <001f01be3905\$4e928f00\$4aaa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, my inquiry about the Butterfly elicited an avalanche of responses,
some of which were private and some that made the list. As I expected
there might be, there are obvious strong feelings both pro and con on
this antenna. As with most everything, there are multiple factors that
affect the success or failure of a product to please a variety of users.
This is a perfect candidate for such a situation, as any product that is,
by design, a "compromise" device, will satisfy the users to
varying degrees, relative to their varying expectations, and their ability
to accurately and objectively evaluate it.

A number of people asked for a summary of the input I received. Without

repeating verbatim all the responses, I will try to summarize the general consensus.

Some comments that were repeated by several owners were that the unit was somewhat difficult to construct due to the number of parts, and may be somewhat fragile for a rough weather climate. Also, initial tuning is somewhat tricky . . . however, once done, most users were pleased with the operational results.

Performance on 20m, as expected, is weakest of the bands it covers. On 17m it is a rotatable dipole. On the other bands, users reported reasonable front to back (advertised gain ranges from 3 to 5 db depending on the Band). Although one respondent claimed that a garden variety dipole would outperform this antenna, most owners basically claimed this antenna "works quite well" for its size. Based on many years of using a similar antenna (a Mini Quad), my personal opinion would be that if a dipole was outperforming this antenna, there is probably something wrong. People with minimal space for antennas were pleased with the results they obtained, and that is just what this antenna was designed for, it seems.

Opinion on its aesthetic appeal were divided, also. One former owner stated that it is actually quite similar in size to a TA33Jr, but did not match the performance of the more conventional yagi.

This summary is not intended to pass judgment, just information, most of which is anecdotal opinion. If interested, investigate and make your own decision !

Usual disclaimers apply, no association with manufacturer, etc.

Tom Moll N0BS

Date: Tue, 05 Jan 1999 16:38:54 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [28848] FS
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

MFJ - 4114
PORTABLE RECHARGEABLE POWER PACK
13.8 VDC
WITH MANUALS
\$50 INCLUDES SHIPPING IN USA

AEA PK - 232

MULTI-MODE DATA CONTROLLER
RTTY, AMTOR, PACKET, CW.
WITH MANUALS, MacRATT 2.0, 13V POWER SUPPLY
& CABLES
\$140 INCLUDES SHIPPING IN USA

Date: Tue, 05 Jan 1999 16:39:24 -0800
From: Jim Lowman <jmLowman@ix.netcom.com>
To: crc@io.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28849] Re: [AQR] (no subject)
Message-ID: <3692B0BC.B4C089B4@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> > "After almost a quarter-century of use, W5QJM has been retired". "As of
> > 01/01/99, my call is
> >
> > K5QLF"
> >
> > "Veteran CW operators will understand" He also commented that it was to
> > good to pass up and went for it.

QLF - try sending with your LEFT foot

72 de Jim - AD6CW

Date: Tue, 5 Jan 99 16:43:06 +800
From: cverbil@jps.net
To: qrp-1@lehigh.EDU
Subject: [28850] OHR WM-1 wattmeter
Message-ID: <3692b19a.3ffb.0@jps.net>

I thought I sent this posting last week, but I never saw it appear on my received digests...so forgive me if this has shown up twice on a computer monitor near you.

I have acquired a complete, new, WM-1 wattmeter kit. It is complete except for the manual. OHR unfortunately has inadvertently destroyed the master copy so it is no longer available from the factory.

Does anybody on this list have a copy that I can use for the kit construction?

I can copy and send back to you, or you can copy and send to me and I will pay all copying and mailing costs. Let me know directly via e-mail...thank you.

72,

Chris
K6CJV

Date: Tue, 05 Jan 1999 18:51:54 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: applitech@mcg.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28851] Re: Capacitor Current
Message-ID: <3692B3AA.4B63CCFD@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Cla KA0GKC,

Just a caution about using braid in a small transmitting loop antenna. I once used braid (the shield from some coax) to connect from the copper loop to the tuning capacitor and had the braid actually heat during some high power testing (100W). The suggested to me a source of loss although I can only speculate why a braid couldn't handle the current. The heat did not seem to be coming from the capacitor although this was the most likely cause. In your case it should still be an improvement over the capacitor brushes.

I would like to hear other's experience regarding the RF resistance of braid. I know my experience seems to contradict common sense.

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Tue, 5 Jan 1999 17:06:00 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Jim Lowman <jmlowman@ix.netcom.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28852] Re: [AQR] (no subject)
Message-ID: <Pine.SOL.3.96.990105170509.29503A-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 Jan 1999, Jim Lowman wrote:

> QLF - try sending with your LEFT foot

I always thought it was "Quit sending with your Left Foot"

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 05 Jan 1999 19:15:05 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28853] Thanks:ku7y for CY9AA
Message-ID: <3692B919.828C17C5@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just want to post to the group what a great job Ron did getting the CY9AA cards out that were past due by a previous qsl manager. While I don't know all the particulars, I do know this. Ron got the cards out to some of the local dxers that thought their previous efforts were in vain. After I inquired by e-mail to Ron, he responded very quickly that I was in the log and if I didn't receive a card in a few weeks to get back in touch with him. Ron followed up on this and its not like he had a few qsl's to do. I was going to get back to him in a few months when he drop me a line wanting to know if he put my cy9aa card in the envelope with his qsl cards (I qsl'd our fox contact, zombie, ect.). Anyone who has done the paper work knows how tough this is. Just wanted to say thanks Ron. Oh, the local dxers from Arkansas also send their thanks.

73 de w5jay

Jay Bromley QRP-L 1201
Fort Smith, Ar.

Date: Wed, 6 Jan 1999 01:15:30 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [28854] QRPP Award
Message-ID: <19990106.011531.17798.0.wd3p@juno.com>

Having finish up WAS QRP last summer, and finally sent off the paperwork yesterday for the wall paper. But I got AK in the DX contest (or was it the 10 meter contest?) to finish up WAS QRPP so now I'm wondering if anyone has an award for WAS QRPP. I still have to check to see if I have all the cards. So is there someone sponsoring such an award?

tnx and 73 de Larry....WD3P
<http://www.erols.com/lejek/>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 20:22:52 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [28855] TTL oscillator pulling.
Message-ID: <19990105.172058.4191.9.we6w@juno.com>

Gang, I just had a nice chat on 7040 with Bob/N6WG
and he asked me what about pulling those TTL oscillators.

As far as I know, they have all them zeroes after the frequency because they are very stable. But I got to thinking maybe all that depends on the conditions that are required to meet that spec.

In other words, I am thinking that there must be a powersupply voltage range specified for such freq. accuracy. So my thought is a potentiometer to vary the voltage on the can and see if it changes frequency and by how much and what the limits.

I'm posting here cuz someone most likely already has done this and teach this young ham some new tricks :)

Of course I'm not afraid to take the time and do the work on this anyway.

Enjoying ham radio at this qth means I also enjoy all the little side trails I get to travel. Even if scraping enamel off my toroid wire is slow -- it is enjoyable.

Knit one, pearl two. It may be slow, but enjoyable. :)

Reminds me of a pivotal time in my life. When I was 12 yrs. old. my Danish friend Peter was building a model and carefully sanding every piece in the kit and even building a few pieces by scratch. Then he individually painted all the parts, even where they wouldn't be seen. I was curious why he wasn't hurrying along so he could get it finished. He told me it would never be finished because he would always be adding to it. "What's the hurry?", he asked. I said "then we can play with it." He said: "We are playing with it now."
72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=69/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 19:24:15 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.EDU
Subject: [28856] (Non-QRP) Nye Viking Tuner FS
Message-ID: <3692BB3F.2B3A@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know it's not qrp but I'd like to sell this tuner to someone who could utilize it on this list. I have a real nice Nye Viking antenna tuner for sale. MB-II with 3KW balun for balanced line, single line or coax (no by-pass). Pretty similar specs to the MB-VA of today but without dual meters and coax switches. I'll sell it to member of this list for

\$200 plus shipping. E-mail or call for info.

73

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
(920) 582-8638 after 5 PM CST
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>
<http://www.qsl.net/kb9qhu>

Date: Tue, 5 Jan 1999 20:37:19 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <w5yr@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28857] Re: WHY?
Message-ID: <00ab01be3915\$1a348aa0\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have you tried a "fractal Antenna" :)
>Lee Bahr wrote:
>>
>> Why don't my e-mails go through?
>

Date: Tue, 5 Jan 1999 20:54:18 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28858] Re: Butternut Butterfly beam?
Message-ID: <Pine.GS0.3.96.990105201750.29244D-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>The Butternut Butterfly is not as good as an ordinary dipole. Save your
>money.

Sorry, but this statement is simply incorrect. The HF5B is self-resonant

on about 25 MHz, with matching circuits for 20-10 meters. Performance, as checked against dipoles is approximately as follows for a correctly set-up antenna at about 35' up. 10 meters is the equivalent of a good 2-element Yagi. 15 meters is slightly down, but quite directional and with gain approaching a standard 2 element Yagi. 20 meters is about dipole gain, but directional. 17 meters is a short dipole for that band. 12 meters is a good 2 element Yagi, but due to the self-resonant frequency of the loops, the direction is opposite that for 20-15-10.

The HF5B is very light and suits a 1.25" mast. It slips wind very well and has recently weathered an ice storm that placed 1/4" of ice on all wires and limbs. The settings, once correctly done and inspected at least once yearly, hold up very well, with no readjustment required. Settings here have held good for a decade. Maintenance has required only an occasional nut-bolt retightening and a recoating of contacts with the anti-oxidant supplied with the antenna. The coax line to the antenna was replaced during this period with no difference in the before and after SWR curves.

Set-up requires absolute patience and attention to the instructions. An entire afternoon is not too much time to give to the task, although the new generation of small analyzers may speed the process. Be prepared to start over from initial settings for a given band during the process. However, once correctly tuned, the antenna performs as noted, which is approximately as advertised.

If I were to replace the antenna (which I would do if it were to suffer destruction), I might consider something like a Force 12 C-3 to achieve better small beam performance on 20 meters. The current prices of HF5Bs make them economically less attractive than when I purchased mine for a small city lot 10 years ago for \$240-\$250. However, the 13' wide (by 6' high) fan elements are smaller than the 30+' elements of any full size beam. Equivalent linear elements to the fan design would be about 18' long.

I have extensively modeled the fan element combination and the performance I get is consistent with models--and with comparisons with dipoles that I have constructed just to see the difference. Most cases of failure to achieve or to sustain over time the performance achieved here are likely due to impatience with the tune-up procedure or failure to use sufficient care in assembly or failure to give the antenna at least an annual careful maintenance inspection. I have encountered and helped to correct a few situations of each type. In each case, results comparable to those reported here were obtained by rechecking assembly and going through the tune-up procedure from scratch.

The HF5B is not a substitute for a full-size antenna. It is a directional, rotatable antenna for the smallest city lot and is light

enough to work well on inexpensive support systems. It must be evaluated in light of what it is. Better performance, especially on 20 meters, will require a larger antenna.

I neither recommend or disrecommend the antenna to anyone--that is a decision involving a lot of location, economic, and other variables. I had sent a similar message directly to the originator of the inquiry and had not intended to address a post to the list. However, in light of the potential misimpression left by one line substitutes for actual use and evaluation reports, I thought these notes might be useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	/	/	/	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	/	/	/	(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	/	/	/			cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html								

Date: Tue, 5 Jan 1999 21:05:29 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28859] Re: Spartan Sprint & Sierra
Message-ID: <00b801be3919\$0953b900\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've

>never before had anything like the ability of this ABX
>filter to slice a slot for a weak signal, making
>it sound like only sig on the band! I still have trouble
>believing it.

Really? You ever taken a DMTF chip and rigged the input to 800 hertz +
or - 10% and rigged the output through a couple of 123A's to key a practice
oscillator? How about no noise at all :) Throw in a compander circuit and
a dash of salt and Voondiber!

But then, perfect can be so annoying ;)
CU Mitch

Date: Tue, 05 Jan 1999 21:09:06 EST
From: we6w@juno.com (Ed Loranger)
To: wb9iog@revealed.net
Cc: qrp-1@Lehigh.EDU
Subject: [28860] Re: Slingshots Nada-
Message-ID: <19990105.180706.4191.24.we6w@juno.com>

I have two bows and one nice slingshot my boy gave me after an accidental window break by some unknown passerby :)

I wanted to investigate making some kind of parachute or something to stop the arrow for close-in work.

I was thinking a movable mass on the shave that releases some yarn trailers. Anyone try something like this?

-Ed
72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=69
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

On Tue, 05 Jan 1999 17:48:20 -0600 Mike Souhrada <wb9iog@revealed.net> writes:

>Rick Weber wrote:

>>

>Suggest anyone attempting this, use a straight bow, setup for
>bowfishing.

>Far more accurate (with practice). Compounds are ok but have more
>range

>than needed.

>Mike

>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 21:22:21 -0500

From: "Jim Marciniak" <n1rui@together.net>
To: <qrp-1@lehigh.edu>
Subject: [28861] Re: Slingshots for launching
Message-ID: <027301be391b\$665ca380\$d985fea9@n1rui>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rick and Esteemed Group:

Don't laugh; I use a Craftsman 9/16 socket, attached to 50-pound test monofilament to put up my wires - and have for the past 4 years, using the same socket!

I take my wrist-rocket camping with me - put up a wire at every campground I hit all summer long, and have used it to put up temporary wires during the BSA's Jamboree On The Air, at Field Day...I just can't loose this socket. It flies VERY true, is easily attached to the line (I have a permenant loop in the end - pass it through the 1/4" drive hole, then over the body of the socket, and it's ready to fly), and the 9/16 is heavy enough to really get UP there. I've heaved it over the top of 85-plus-foot pine trees. Also, and equally important: It's heavy enough to come back DOWN to the ground easily. Your garden-variety hex-nut usually is not. Fire it up, and it'll find a way back down. If it gets "hung up" part way down, I gently pull about 5 feet of line back towards me, then drop it - the socket usually gets up enough steam (with an assist from gravity) to make it to the ground.

If I'm not accurate on the first shot, I allow the socket to get to the ground, then remove it from the line, pull the line back, and try again. 3 or 4 shots maximum, and I've put the line where I want it. NEVER, NEVER pull the line back while a weight is on it - that's a quick way to decorate the greenery with fishing line and weights! I also have stopped using the reel, and now only keep the line on the plastic spool the monofilament came on. the reel jammed and caused me to be off-target more often than not. I unreel the monofilament on the ground before I start - very straight for 30 or so feet, then I double back about 3 feet from the line and parallel, and unreel another 30 feet or so, step another 3 feet to the side, unreel 30 more feet, etc. This way the reel doesn't decide to visit the trees, and pulling is kept to a minimum.

Last suggestion: visit a medical supplies store, and order a box of 3/16 X 3/8 X 3/32" Latex tubing. I got a roll of 50 feet for about \$10.00. It's perfect for making new replacement rubber slings for the wrist-rocket. I make new slings at least once a season - two or more times if I use it alot (and it gets borrowed a fair amount too). I figure I'll have fresh wrist-rocket slings for at least the next 6 years at this rate. Just have to

keep the latex in a cool, dry spot so it doesn't deteriorate. Keep trying - try without the reel, and see if your aim doesn't straighten out!

72,

Jim N1RUI

-----Original Message-----

>Thanks, Brad, for the slingshot source.

>

>I've already got a wrist rocket. What I REALLY need is some lessons in
>firing true and far.

>

<SNIP>

>

>I use a fishing pole with a spinner reel and some pretty strong line,
>and my technique, although improving, is still pretty miserable.

>

>Any pointers from you steely-eyed missilemen out there on this
>reflector? Thanks.

>

>Rick

>W9QZ

Date: Tue, 5 Jan 1999 21:25:28 -0500

From: "Mitch Dickson" <mitch@volstate.net>

To: <jaevans@codenet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [28862] Re: The Millenium

Message-ID: <00d001be391b\$d44451e0\$40338cd1@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Be sure to take some candles so you can see how to get home. The power grid may not make it over 1 milisecond past midnight! CU Mitch

>

Date: Tue, 5 Jan 1999 21:44:41 -0500
From: wb8ygg@juno.com
To: qrp-1@lehigh.edu
Subject: [28863] Re: Slingshots for launching
Message-ID: <19990105.214443.14214.2.wb8ygg@juno.com>

Well, I've been using my right arm for years.. but that gets old.
Finally the fishing pole worked really well...
Now I'll be trying the slingshot.

My favorite projectile is a teardrop shaped PULLEY..
(About \$2.00 or less)
It never gets stuck coming down.

This I found for me to be the best after years of using various things.
When lightning took the tree out in the back yard, I recovered:

a tube cutter, several bolts, a pair of pliers and a lot of string.
Why I ever threw all that stuff up in the tree is beyond me..

"One of the TICK Guys"
Brad WB8YGG
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 22:27:11 -0600
From: Peter James <mrpj@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [28864] OHR Spirit
Message-ID: <3.0.5.32.19990105222711.007a4ac0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who responded to my inquiry about the OHR Spirit. Sounds
like it's going to be a great radio when it is fixed up. Thanks again.
73,72 Pete , WM4U

Date: Tue, 5 Jan 1999 17:34:07 +0200
From: "=?ISO-8859-7?Q?=C1=F0=FC=F3=F4=EF=EB=EF=F2_=C1._=CC=F0=EF=F5=F1=EF=FD=F3?=?ISO-8859-7?Q?=E7=F2?=" <mak@compulink.gr>
To: <qrp-1@Lehigh.EDU>
Subject: [28865] HWA-7-1 Power Supply Help
Message-ID: <199901060321.FAA24942@www.compulink.gr>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-7
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear Friends

The HWA-7-1 ps of my HW-7 she has a tag on the back that says that this is an 110-220 vdc power supply. How i run this unit on 220 vdc?

I dont have the manual so if someone have it pse chack and help me .

Many tn timer and all the best to all

72/73

Toli

mak@compulink.gr

Date: Tue, 5 Jan 1999 22:37:15 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <hk4bmg@epm.net.co>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28866] =?iso-8859-1?Q?Re:_RE:Multiple_7805=B4s_for_Higher_Current=3F=3F?
=
Message-ID: <00f301be3925\$db7e1900\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

LMAO! Ok Juan I guess the "Rube Goldberg" method of regulation will work. I have seen stranger things. Had a young engineer who needed 110 amps, rig 3, count 'em 3, 50 amp switch mode commercial power supplies together in parallel. Each with no less than 5 high current diodes in parallel from each one (these were rigged on heatsink strips) to run a 500 watt UHF exciter. The other engineer and myself, after seriously questioning his sanity, backed up when he hit this baby with power as we were sure he would never control the duty cycles of 3 different Switch modes, But he did it! And as far as I know, those power supplies are still running that exciter to this day! SO parrallel 7805's, why not. CU Mitch

-----Original Message-----

From: Juan David Zuloaga <hk4bmg@epm.net.co>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 05, 1999 10:35 AM
Subject: RE:Multiple 7805 s for Higher Current??

>I agree with the guys who want to use a High current pass transistor.
However If
>you really want to use your spare 7805 s, then you could try:
>Paralleling the inputs, center pins to ground, Output pin in series with a
0.22
>ohms/1/2 Watt Resistor for each 7805. Only problem, you should expect
about a
>0.22 Volt. drop at the output. (full load).
>
>
>Juan Zuloaga
>HK4BMG
>
>
>
>

Date: Tue, 5 Jan 1999 22:41:25 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28867] Re: Is the new EleCraft Y2K compliant?
Message-ID: <010001be3926\$709e0fe0\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee, there are 546 power companies in the US. None of which are yet Y2K compliant. How you gonna know if your rig was compliant or not. :) CU Mitch

-----Original Message-----

From: Lee Bahr <bahr521@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 05, 1999 11:48 AM
Subject: Is the new EleCraft Y2K compliant?

>Since I have ordered the new EleCraft K2 transceiver, I am curious if it

>is Y2K compliant? I would not like to go down in flames next New Years
>Eve, or have the Y2K police seize my new rig !! :-) Lee Bahr w0vt
>

Date: Tue, 05 Jan 1999 22:04:26 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.EDU
Subject: [28868] RE: Nye Viking is Sold
Message-ID: <3692E0CA.7EB4@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The MB-II I posted here earlier has been tentitively sold. Thanks to
all from the list who expressed interest.

73

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>
<http://www.qsl.net/kb9qhu>

Date: Tue, 5 Jan 1999 23:16:34 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: we6w@juno.com (Ed Loranger), qrp-l@Lehigh.EDU
Subject: [28869] Re: TTL oscillator pulling.
Message-ID: <199901060415.XAA03460@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

As I recall KK7B tried that route with one of his early VXO designs
and found that the oscillator held very stable over quite a range of
voltage - Stable enough that it was useless as a VXO as far as he
was concerned.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 5 Jan 1999 23:16:30 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28870] Re: BE VERY VERY CAREFUL with TEST messages!
Message-ID: <012a01be392b\$575640c0\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don't you all agree that Lee should go to his "sent items" file and resend us that masterpiece?

-----Original Message-----

From: Lee Bahr <bahr521@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 05, 1999 12:15 PM
Subject: BE VERY VERY CAREFUL with TEST messages!

>I had a problem with two lost messages to the list, one being a literary
>masterpiece. I then sent out two TEST messages so I could look for a PING
>on my big screen. Well, let me tell you, ONLY SEND TEST MESSAGES with
>EXTREME Caution !! Unless you are prepared to hire a secretary to answer
>all your fan mail, you will be swamped with more mail then the White
>House receives in one day! I even got a 599 report from k0rwc! This
>was my best signal report for the day. :-) Lee Bahr w0vt
>

Date: Tue, 05 Jan 99 22:25:12 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [28871] 1999 January QRP-L Project
Message-ID: <199901060420.XAA42646@nss4.cc.Lehigh.EDU>

OK gang, forget the Y2K problem. My wife is in upper management at the light company and the Y2K problem is being addressed..... :-)

But since it is January, I'm going to personally take it on myself to remind each and every one of you to take all DVMS, DMMs, etc. and take out and replace the battery if you have not already done so in the last six months or so. I was doing an experiment on a calibrated RF probe and ran into a problem with one of the R/S DMMs. Behold when I removed the back cover I had one battery that was in the process of destroying itself and everything around it. Fortunately I got to it in time.

Might not hurt to look in the keyers, clocks (Y2K and not Y2K), and anything else that has a battery in it.....

Just a friendly reminder. Tis better to be safe than sorry. An ounce of prevention is worth a pound of cure (gm vs kg for the SI compliant dudes and dudettes). And it has been pointed out that my Elmer2XX series are not Y2K compliant so will have to move to the 19990105 type notation. This means that my computerized logs and the archives at QRP-L are also not Y2K compliant. This is going to be a busy year..... :-)

And one thing with a non-computerized rig, such as the NN1G/OHR/NorCal/... is that on a gel-cell on midnight the last day of this year I know that I'll be on the air. :-) Will dipoles still work or end-fed long wires? Time will tell....

And I log with pen and paper anyway and put in the computer later.

FYI es humor but don't forget to check the batteries in the test equipment

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 5 Jan 1999 23:26:14 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <weber@accenttech.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28872] Re: Slingshots for launching

Message-ID: <013b01be392c\$b370a200\$40338cd1@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Lesson #1. Have someone else hold the rod and reel and slingshot.

Lesson #2. Use a compound bow with the inner pullies realeased with a 5/8 inch bolt on the end of the arrow with nylon trot-line cord instead of the slingshot to start with.

Lesson #3 See lesson #2

-----Original Message-----

From: Rick Weber <weber@accenttech.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Tuesday, January 05, 1999 6:07 PM

Subject: re: Slingshots for launching

>Thanks, Brad, for the slingshot source.

>

>I've already got a wrist rocket. What I REALLY need is some lessons in
>firing true and far.

>

>We're fortunate to have 17 acres of very tall old trees. And I dream of
>an antenna farm. But, after many hours slingshoting away, I've only
>managed to put up two flat tops and a vertical.

>

>My wife derives much amusement from my attempts. She says, "Antenna
>farm? It's more like an antenna NEST." Yeah, I guess there's a lot of
>fishing line and sinkers up there.

>

>I use a fishing pole with a spinner reel and some pretty strong line,
>and my technique, although improving, is still pretty miserable.

>

>Any pointers from you steely-eyed missilemen out there on this
>reflector? Thanks.

>

>Rick

>W9QZ

>

>

>

>Brad WB8YGG wrote:

>

>snip...

>> Hey folks, I ordered a couple of slingshots from a place in Texas.
>>
>> <http://www.aactionsports.com>
>>
>> These were pretty inexpensive slingshots, and perfectly good for
>> launching the antenna!
>>
>> If you order from them, be aware that they don't have a secure server
>> for
>> ordering,
>> but they can handle over the phone, or mail in orders.
>>
>> I have no interest in this place other than they were great prices, and
>> I
>> have my antenna launcher.
>> (Folding no less for backpacking!)
>>
>> 73
>> Brad
>>
>> "One of the TICK Guys"
>> Brad WB8YGG
>

Date: Tue, 05 Jan 99 22:34:25 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [28873] Mystery Paddle Revealed
Message-ID: <199901060430.XAA42750@nss4.cc.Lehigh.EDU>

Gang,

For those that were paying attention.

You remember that some time back I had previously
on my web page a mystery paddle? Well, on page
20 of the January 1999 issue of QST in the lower
lefthand corner of the page is a photo of same.

Bob Miller, N9MU, made it. It is indeed a thing of
beauty and made with care and skill by a amateur
machinist (or is that an amateur who is a machinist?)....

Anyway I'm sure we'll be hearing more about it. And

the ivory is old ivory, not new. Torrington bearings and all..... It does look beautiful with the gold plating and all and would compete with the Mercury paddle. I haven't heard a peep on the new version of the Mercury.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 05 Jan 1999 22:33:45 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28874] DMM
Message-ID: <3692E7A9.34FC6705@mail.myriad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok Chuck,

But I sent mine to Fluke for Calibration and the certificate day or two before Christmas. Thanks for reminding me It ain't got back yet.

I need to call them. :>)--

KC5SCCBILL

"Deep in the Heart of Texas"

Emtech 80/20 80m & 40m ---Knightlite Smit 80m ---Pixie II 40m

Kenwood TS520 --Kenwood TS700SP 2m --Icom ic-w21at 2m/70cm

Ant. 80m Gnd Delta loop--Hamstick 40m dipole--Tucker Vub-2

Crushcraft A14820T 2m Beam

Date: Tue, 5 Jan 1999 23:39:03 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <vlantz@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28875] Re: Beacons & DX spots
Message-ID: <014b01be392e\$7da50c40\$40338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Your Blonde right? Just kidding. If you can hear the beacon station clearly, you know that band conditions will provide you a path to work that area. If you wanted to work New York, and you get a 5X5 signal from the UN beacon you can do so easily. However if you cannot hear the UN beacon you know you would be wasting your time. Band conditions change constantly, the beacons are known and fixed, with them you can save time and energy only working when conditions are right. The reason for putting up a beacon is strictly for giving other hams a useful tool. They work best if you have directional beams, but I use them all the time, even with an omni-directional. CU Mitch

-----Original Message-----

From: Vann G Lantz <vlantz@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, January 05, 1999 1:31 PM
Subject: Re: Beacons & DX spots

>Please explain what the importance of a beacon is. Why whould one want
>to build one, and why would one want to listen to one?

>

>Thanks again. Always in search of more knowledge.

>

>Vann Lantz, KF4QHJ, AL

>QRP-L #1790, AR QRP #241

>VLantz@Juno.Com

>[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)

>"If there is no God, then who pops up the next Kleenex in the box?"

>

>

>-----
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]

>

Date: Tue, 05 Jan 1999 22:42:48 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28876] Re: 1999 January QRP-L Project
Message-ID: <3692E9C8.DC61C836@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think Chuck Adams changed jobs and now is one of those "IF YOU GOT QUESTIONS, WE HAVE ANSWERS", guys working for THE SHACK and is pushing batteries. Chuck, what is the commission for each battery you sell? The way I work it at radio station w0vt is when a liquid starts flowing out the bottom of the case, it is time to change batteries. Lee Bahr w0vt

Chuck Adams wrote:

>
> OK gang, forget the Y2K problem. My wife is in upper management
> at the light company and the Y2K problem is being addressed..... :-)
>
> But since it is January, I'm going to personally take it on myself
> to remind each and every one of you to take all DVMS, DMMs, etc.
> and take out and replace the battery if you have not already done
> so in the last six months or so. I was doing an experiment on a
> calibrated RF probe and ran into a problem with one of the R/S
> DMMs. Behold when I removed the back cover I had one battery
> that was in the process of destroying itself and everything around
> it. Fortunately I got to it in time.
>
> Might not hurt to look in the keyers, clocks (Y2K and not Y2K),
> and anything else that has a battery in it.....
>
> Just a friendly reminder. Tis better to be safe than sorry. An
> ounce of prevention is worth a pound of cure (gm vs kg for
> the SI compliant dudes and dudettes). And it has been pointed
> out that my Elmer2XX series are not Y2K compliant so will have
> to move to the 19990105 type notation. This means that my
> computerized logs and the archives at QRP-L are also not
> Y2K compliant. This is going to be a busy year..... :-)
>
> And one thing with a non-computerized rig, such as the NN1G/OHR/NorCal/...
> is that on a gel-cell on midnight the last day of this year I know that I'll
> be
> on the air. :-) Will dipoles still work or end-fed long wires? Time will
> tell....
> And I log with pen and paper anyway and put in the computer later.
>
> FYI es humor but don't forget to check the batteries in the test equipment
>
> --
> Chuck Adams K5FO adams@ticnet.com CP-60
> <http://www.ticnet.com/k5fo>

Date: Tue, 5 Jan 1999 20:44:05 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28877] Re: Slingshots for launching
Message-ID: <199901060445.UAA08989@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just one more data point for you to consider. My general M.O. is to shoot up the fishing line, tie it off to the twine, pull the twine back over the tree, tie the antler to the twine, and hoist the antler. I figured I could cut out one step by just shooting the twine over the tree. I laid out the twine as N1RUI had suggested, pulled back my projectile (I use a .45acp slug with a hole drilled through it) and let fly.

And fly it did, for about two or three feet, after which it came back and smacked into my left hand. Nothing broken or really badly bruised, but it did kind of take the edge off the day for me. At least now I can say I survived being hit by a .45 slug.

I wouldn't even admit to this story, but I remember last year when the talk of spud guns was hot and I saw a web page story that told of a fellow who blew off his thumb and nearly bled to death over by Grand Coulee Dam by holding his hand in front of a spud gun. I figure if one Washingtonian can admit to that, I can admit to trying to make twine fly over a tree.

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Tue, 5 Jan 1999 20:54:18 -0800
From: "Frank West KE6VHM" <ke6vhm@earthlink.net>
To: <we6w@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28878] Re: Slingshots Nada-
Message-ID: <00f201be3930\$a6436280\$5808b2d1@ke6vhm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The use of Flu Flu feathers is common to reduce the distance of arrow flight while hunting birds. These are a soft and very wild looking fletch, not the normal smooth perfect looking fletch generally used. The Flu Flu has far more air resistance, thus shorter flight.

Also the use of any bow is dangerous. The use of a Compound versus a Long, or Recurve is all basically the same. The only difference in using a Compound is that you can pull and hold a heavier bow.

\$.02 de Frank 72

-----Original Message-----

From: Ed Loranger <we6w@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Tuesday, January 05, 1999 6:27 PM

Subject: Re: Slingshots Nada-

>I have two bows and one nice slingshot my boy gave
>me after an accidental window break by some unknown
>passerby :)

>

>I wanted to investigate making some kind of parachute
>or something to stop the arrow for close-in work.

>

>I was thinking a movable mass on the shave that releases
>some yarn trailers. Anyone try something like this?

>

>-Ed

>72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=69

><http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

>

>On Tue, 05 Jan 1999 17:48:20 -0600 Mike Souhrada <wb9iog@revealed.net>

>writes:

>>Rick Weber wrote:

>>>

>>Suggest anyone attempting this, use a straight bow, setup for
>>bowfishing.

>>Far more accurate (with practice). Compounds are ok but have more
>>range

>>than needed.

>>Mike

>>

>

>

>-----
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]
>

Date: Tue, 5 Jan 1999 21:55:39 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Subject: [28879] Re: TTL oscillator pulling.
Message-ID: <Pine.SOL.3.91.990105215033.21661B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 Jan 1999, Bill Kelsey - N8ET - Kanga US wrote:
> As I recall KK7B tried that route with one of his early VXO designs
> and found that the oscillator held very stable over quite a range of
> voltage - Stable enough that it was useless as a VXO as far as he
> was concerned.

We use those TTL oscillator can things all over the place here. The equivalent schematic I remember seeing of one once was basically a Butler oscillator, that is, the crystal is between the emitters of two transistors, where one transistor is the oscillator, and the 2nd transistor an emitter follower providing the feedback. Then, both emitter resistors go to a constant current source transistor. That means no matter how much you vary the voltage (well, almost), the 3rd transistor will attempt to keep the same current flowing through the oscillator emitters for constant feedback, and hence frequency, from the internal crystal.

So Bill is quite right ... these things are nice, stable oscillators, but worthless as a VCXO (voltage controlled crystal oscillator).

72, Paul NA5N

Date: Tue, 05 Jan 1999 23:06:32 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: mitch@volstate.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28880] Bows and Arrow, a lesson learned LONG
Message-ID: <3692EF58.D55946A1@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When I first moved into my present home 13 years ago, I went out and bought a compound bow and bought some arrows so I could put up an aerial. The salesman said I will need some tips for the arrows so they would be balanced. I said give me some blunt ones. He said we don't have any blunt ones so I purchased some tips that looked like they were built for the Crusades with razors on them so sharp they hurt me looking at them. I went home and decided to practice using the bow before putting up my aerial wire as I had never used a compound bow before. I pointed the bow at my wood fence seperating my neighbors yard from my own. I decided I could not screw up because I was so close to the fence. There were no gaps in the wood fence. I pulled back and let go!!! The arrow shot out at close to the speed of light. This was my first experience with a compound bow. It within milliseconds was at the fence and disappeared without the expexted thud. In fact the arrow disappeared without any noise at all. POOF, it was gone!!! Where did it go? Surely I could not have missed the fence. I was too close. Well, I looked over the fence into my neighbors backyard. Over there was my neighbors collie, sitting on his haunches with his tongue out looking at me. A foot away from the dog was my arrow with only half of it sticking out of the ground! The arrow went through the only knot whole in the fence without ever touching any of the wood fence! Yes, sling shots are probably a better choice!! Next time I'll tell you how I burned down this same fence and almost burned up his pet rabbits trapped in the wood hutch. My neighbor was the assistant fire chief. He now has moved away. Lee bahr w0vt

Mitch Dickson wrote:

>
> Lesson #1. Have someone else hold the rod and reel and slingshot.
>
> Lesson #2. Use a compound bow with the inner pullies realeased with a 5/8
> inch bolt on the end of the arrow with nylon trot-line cord instead of the
> slingshot to start with.
>
> Lesson #3 See lesson #2
> -----Original Message-----
> From: Rick Weber <weber@accenttech.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Tuesday, January 05, 1999 6:07 PM
> Subject: re: Slingshots for launching
>
> >Thanks, Brad, for the slingshot source.
> >

> >I've already got a wrist rocket. What I REALLY need is some lessons in
> >firing true and far.
> >
> >We're fortunate to have 17 acres of very tall old trees. And I dream of
> >an antenna farm. But, after many hours slingshotting away, I've only
> >managed to put up two flat tops and a vertical.
> >
> >My wife derives much amusement from my attempts. She says, "Antenna
> >farm? It's more like an antenna NEST." Yeah, I guess there's a lot of
> >fishing line and sinkers up there.
> >
> >I use a fishing pole with a spinner reel and some pretty strong line,
> >and my technique, although improving, is still pretty miserable.
> >
> >Any pointers from you steely-eyed missilemen out there on this
> >reflector? Thanks.
> >
> >Rick
> >W9QZ
> >
> >
> >
> >Brad WB8YGG wrote:
> >
> >snip...
> >> Hey folks, I ordered a couple of slingshots from a place in Texas.
> >>
> >> <http://www.aactionsports.com>
> >>
> >> These were pretty inexpensive slingshots, and perfectly good for
> >> launching the antenna!
> >>
> >> If you order from them, be aware that they don't have a secure server
> >> for
> >> ordering,
> >> but they can handle over the phone, or mail in orders.
> >>
> >> I have no interest in this place other than they were great prices, and
> >> I
> >> have my antenna launcher.
> >> (Folding no less for backpacking!)
> >>
> >> 73
> >> Brad
> >>
> >> "One of the TICK Guys"
> >> Brad WB8YGG
> >

Date: Wed, 6 Jan 1999 00:10:45 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [28881] Re: 1999 January QRP-L Project
Message-ID: <6dcd9dbc.3692f055@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/5/99 8:23:28 PM Pacific Standard Time, adams@ticnet.com writes:

<< And one thing with a non-computerized rig, such as the NN1G/OHR/NorCal/... is that on a gel-cell on midnight the last day of this year I know that I'll be on the air. :-) >>

thats good thinking, only problem is...you may be the ONLY one on the air! well, i knew my primitive set-up would come in handy one day, ill look for the only other signal out there and we'll talk.

73...Adam, N7YA

Date: Wed, 6 Jan 1999 00:21:37 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [28882] Re: 1999 January QRP-L Project
Message-ID: <684d914a.3692f2e1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/5/99 8:45:32 PM Pacific Standard Time, bahr521@earthlink.net writes:

<< I think Chuck Adams changed jobs and now is one of those "IF YOU GOT QUESTIONS, WE HAVE ANSWERS", guys working for THE SHACK and is pushing batteries. >>

only thing they DONT carry is answers.....

73...A

dam, N7YA

Date: Tue, 5 Jan 1999 20:31:12 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-1@lehigh.edu
Subject: [28883] Potpourri from the "Frozen North"
Message-ID: <v03007801b2b898170be5@[209.193.12.168]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

The Holiday Season has come and gone... New Years Eve is already a dim memory ... Only 726 shopping days until the next millennium... (I'm in your camp Chuck 8^)... The mercury has finally decided to take a plunge here in the Interior of Alaska, -40F for the next few days...

The only antenna work that really needed to be done was to get the 20 pounds of snow off the TV antenna before it turned into an inverted vee... So, out with the ladder with Tosh (KL7WW) as my spotter and bang on that puppy with a shovel until half of the snow ends up on the ground and the other half ended up on me... It got me thinking, if doing antenna work is so much better the colder it gets, I wonder if the same would apply to rig repair??? So on with the "Bunny Boots", grab the flashlight, and poke through the shed to see if I can find my FHW-8... Sure enough, there it was atop my FDX-60, which was on top of my FViking Ranger II which sits next to my FViking I which was next to my... Oh well you get the picture, it was out there with all the rest of my (F = Frozen) Boat Anchors...

As I speak it is slowly coming to ambient temperature and I have the manual in hand... I am amazed that I even put the power cord inside the case for the next time it was called to duty... Peering inside I was pleasantly surprised to see that I had already repaired the broken main tuning capacitor... I remembered that I had installed band extension and added double sideband but had forgotten why I had put it on the shelf... Now I remember, the built in Curtis keyer had shot craps and I was waiting to find another chip... This is a great opportunity to install that Tick keyer that I built up many moons ago... I see a broken wire going to the DSB board and hope I can remember where it is supposed to go... I never did document the DSB mod... Oh well, what a great project for the next few cold days...

Thanks to all my QRP-1 buddies for sharing with me and the group this last few years... We have had our trials, tribulations, and growing pains but it is still one of the best group of "Sharing Hams" around... Thanks to whoever it was that inspired us to dig out our HW-*.s and get them

back on the air... Thanks to the trees that are so selflessly keeping the frigid temperatures outside my cabin walls... Thanks to Nil's for the Meds that inspired this post...

I will go away now... Take care and have fun... Hope to see you all soon with a refurbished, not so frozen, HW-8...

72 / 73 / oo's - Bruce - KL7H

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhoppers/akqrp>

Date: Wed, 06 Jan 1999 00:42:07 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-1@lehigh.edu
Subject: [28884] BMHA, details, details...
Message-ID: <19990105.214021.4191.26.we6w@juno.com>

Hey gang, I stumbled across AE6N/Jim who was running the BMHA net, Bicycle Mobile Hams of America. I didn't get net info from him cuz he offered to send me one of their newsletters so I imagine that will have the info.

Contact was 0226Z to 0248Z on 7042 KHz. So I imagine the net starts at 0200Z on Wednesdays UTC, Tuesdays U.S. time.

It was really neat chatting with hams who are bicycle mobile. I ride 11 miles each way to work as many of you know. Although in the dead of winter I get a ride by car to work and only ride the 11 miles home nightly.

The bug is out for sending while mobile. The weight just doesn't work right when not on a flat surface :)

Dave Epps/AB5PC had some neet finger straps at Pacificon that one could easily send code with while mobile. What a great idea. I looked into methods of sending CW while pedalling and heard of 'blow tubes'. I guess maybe I should turn a "want" into a "need" to really start working on this project.

But I've got chest high flames on the back burner :) With

the resonant Speaker project, the pixie project, and final wrap up tweaking on my OHR-100 drift project, I'm pretty busy.... Maybe being stuck with only the OHR-100 is a good thing. I might spend all my time on the air and never finish my projects :)

Wish me luck in my casual completion of these projects, just working on them is a ball.

I hope you all are enjoying every step of the way as I am.

Hey, if women can meticulously separate every eyelash after applying mascara, I can polish every wire before soldering. So there.

Quickly approaching frivolous posts so will break for a few days. G'day where it is sunny. G'nite where it's not.

-Ed

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=74/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 23:41:08 -0600
From: "Rud Merriam" <rmmerriam@csi.com>
To: "QRP-L Discussion" <qrp-l@lehigh.edu>
Subject: [28885] j-poles
Message-ID: <000d01be3937\$44265560\$32c4afce@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Earlier this year I built a 2m/70cm j-pole. I certainly didn't make precise measurements when I built this so it seems forgiving of dimensional errors. It is a little different from most j-pole designs because there is not a short at the feedline. The SWRs are 1.1:1 at 2m (146.76) and slightly worse on 70cm (440.450) feed by coax. I run this QRP with my handheld to hit repeaters 20mi away.

The plans are at <http://www.fix.net/~jparker/radiopaul/j-pole.html> . I had the angle base piece dimensions from an email on the antenna

newsgroup.

This antenna is made from aluminum. There is a angle piece where an S0-239 is mounted. The 2m stub is the center conductor on the S0-239. It is 19.25". The long leg 2m piece is 57.5" long. The 2m stub is the 70cm long leg and its stub is 6.25". From the S0-239 center the 70cm stub and 2m long leg are mounted 1 7/8' and 5" away. The S0-239 is mounted 1/2" in from the end of the 5.25" angle. The aluminum rod is all 3/8" diameter.

I just looked at the 220mhz design and used a spreadsheet to compare dimensions for the 3 bands. What I see is that the stub is $.29 \times \text{wavelength}$, the angle base and long leg $.97 \times \text{wavelength}$ and the overall linear length is $1.26 \times \text{wavelength}$.

I'd like to know the results if anyone analyzes this further. I'm probably going to try building a 6m version in the next month or so. Dimensions would be 14.09, 4.54, and 1.40 feet for the long leg, stub, and base, respectively.

A verticle j-pole is omni directional. Any idea what the pattern is for a horizontal j-pole?

Rud Merriam KD5DTV
rmerriam@usa.net

Date: Wed, 06 Jan 1999 01:34:59 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@Lehigh.EDU
Subject: [28886] Re: TTL oscillator pulling.
Message-ID: <19990105.223300.4191.38.we6w@juno.com>

Well gang, the verdict is pretty conclusive.

TTL Oscillators Don't pull.

The plan was to double my 25.000 MHz oscillator can and make sure it was safely in the 6 meter band.

One ray of hope. One respondent mentioned there may be a capacitor in the can to set or trim the frequency.

This may be a impedance load or some other use but who knows, might move the frequency a bit. I just want to set and forget it. He's gonna open up the can when he gets time and let me know if it changes the frequency.

Thanks for all the contemporaneous responses! Great to see the efforts. Way to go gang.

-Ed

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=74/2K
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 99 23:18:28 +800
From: cverbil@jps.net
To: qrp-1@lehigh.EDU
Subject: [28887] Re: WM-1
Message-ID: <36930e44.4dd8.0@jps.net>

Date: Tue, 5 Jan 99 23:20:46 +800
From: cverbil@jps.net
To: qrp-1@lehigh.EDU
Subject: [28888] Re: WM-1
Message-ID: <36930ece.4e4d.0@jps.net>

I received plenty of direct replies on the WM-1 manual. To those that have offered
and I did not directly reply, thank you...I have e-mailed directly back to a
source who could provide a manual copy easily.

72,

Chris
K6CJV

Date: Wed, 6 Jan 1999 00:12:36 -0800

From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28889] RE: Bows and Arrow, a lesson learned LONG
Message-ID: <000101be394c\$51fbb260\$b505b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee,

I'm thinking of re-locating. What State do you live in so that I can eliminate that one from the list? :-)

Roger KD6CC

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Lee Bahr
> Sent: Tuesday, January 05, 1999 9:07 PM
> To: Low Power Amateur Radio Discussion
> Subject: Bows and Arrow, a lesson learned LONG
>
> The arrow went through the only knot
> whole in the fence without ever touching any of the wood fence! Yes,
> sling shots are probably a better choice!! Next time I'll tell you how
> I burned down this same fence and almost burned up his pet rabbits
> trapped in the wood hutch.

Date: Wed, 06 Jan 1999 00:59:36 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [28890] Canadian mil key update
Message-ID: <369325F8.4C4@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. I forgot to mention one thing about the Canadian military keys that Fair Radio is selling. Mine (two out of two I got) both had loose wires on the armature. The armature is the part that goes up and down. Since

the key is made out of phenolic plastic (insulating), there needs to be a wire to connect the terminals with the contacts.

This loose wire is affixed with a little brass screw. You must take the armature off to access the screw. Ergo, I could not have used my keys, as I received them. The wires were loose by several turns on the screw. It would have been a flaky connection, at best.

Still, it is a very nice key and well worth it, in my opinion.

73 de Jim, W7LS

Date: Wed, 06 Jan 1999 07:17:42 -0500
From: mikemo@ibm.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28891] Re: Slingshots Nada-
Message-ID: <36934F37.5AA4@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Last winter I visited the great white north (upstate NY ;-) and brought the MFJ 40 meter rig. I brought my slingshot / fishing reel setup to get a dipole in the nice big trees up there. It was about 15 degrees that day....

My first shot went up about 50 feet. However, once the monofilament line got cold I couldn't shoot it more than 10 feet and it would snag every time.

So, if it is cold out, beware of fishing line.

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Wed, 06 Jan 1999 07:28:00 -0500
From: bill lazure <blazure@wstm.com>
To: QRP-L@lehigh.EDU
Subject: [28892] Low noise Circuit Grounding
Message-ID: <369356D0.11EF@wstm.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I want to build an R2-style receiver with a reworked diplexer and

audio section. While testing the diplexer on the original R2 layout, I noticed that noise dramatically increased depending where I grounded some components.

I don't want to go through all the trouble of making a PCB to find out that it's noisy because I grounded some components to the wrong place.

So, exactly what is the best way to lay out the grounds in a high-gain circuit like this one?

-Assuming single-point (star) grounding is generally best, why is it that the original R2 layout seems to be divided into several sections that all tie back to one point, rather than have each component tie back to a single point?

-Why aren't the mixers separated out into individually grounded sections like the rest of the circuitry?

-Could a continuous top-side ground plane compare to the performance of the current R2 layout?

-Are there any related considerations for how I connect +DC?

Thanks in advance.

Bill
W2EB

Date: Wed, 6 Jan 1999 08:00:18 -0500
From: "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28893] RE: Bows and Arrow, a lesson learned LONG
Message-ID: <AD001062E6EFD111AB4A00805F9F46A77405FA@mustang>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yeah Lee, boy am I glad to see a "0" in your call, we rednecks down here in "4" land are hopefully out of range of your atomic bow!!!! hi hi You probably know by now Lee, but there are much better bow and arrow combinations for what you wanted to do. I reckon you bought a howitzer to kill a flea. Thanks for the story. I'm glad to know I'm not the only one to do really stupid things from time to time.

72

Randy N4SX

Date: Wed, 06 Jan 1999 06:42:01 -0700

Greetings,

72 - john - n0hj

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

FOR SALE,TRADE,SWAP
SST FOR 30-M WITH THE EXTENDED COVERAGE MOD.
SW 40-+
BOTH UNITS ARE MINT. NUMBER 10 ON THE 1 TO 10 SCALE.
Bob

WA2HOQ

Date: Wed, 6 Jan 1999 08:16:25 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [28896] Y2K
Message-ID: <Pine.LNX.3.95.990106080755.28886D-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....just a bit of interesting Y2K info...the amateur radio operators in Saskatchewan have been asked to be available with our communication equipment (powered by other than commercial electricity) as the clock ticks to "moment Y2K" just in case commercial communications ARE lost... then there will at least be amateur radio communications up and going to help the situation...and that includes QRP of course...I'm reading an article in PC WORLD, page 90, about Y2K...it says estimated costs in fixing the problem range from \$600 billion to \$4.6 trillion...WOW!...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

Date: Wed, 6 Jan 1999 09:19:43 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-l@lehigh.edu
Subject: [28897] Fw: Re: Slingshots for launching
Message-ID: <19990106.092417.-911817.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I find it easier to find a little boy in the neighborhood and let him put the end in the tree. Little boys like to climb trees. Besides getting the antenna up, the little boy has a lot of fun.

w2xn

----- Forwarded message -----
From: "Mitch Dickson" <mitch@volstate.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Tue, 5 Jan 1999 23:26:14 -0500

Subject: Re: Slingshots for launching
Message-ID: <013b01be392c\$b370a200\$40338cd1@default>

Lesson #1. Have someone else hold the rod and reel and slingshot.

Lesson #2. Use a compound bow with the inner pullies released with a 5/8 inch bolt on the end of the arrow with nylon trot-line cord instead of the slingshot to start with.

Lesson #3 See lesson #2
-----Original Message-----

From: Rick Weber <weber@accenttech.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 05, 1999 6:07 PM
Subject: re: Slingshots for launching

>Thanks, Brad, for the slingshot source.

>

>I've already got a wrist rocket. What I REALLY need is some lessons in
>firing true and far.

>

>We're fortunate to have 17 acres of very tall old trees. And I dream of
>an antenna farm. But, after many hours slingshotting away, I've only
>managed to put up two flat tops and a vertical.

>

>My wife derives much amusement from my attempts. She says, "Antenna
>farm? It's more like an antenna NEST." Yeah, I guess there's a lot of
>fishing line and sinkers up there.

>

>I use a fishing pole with a spinner reel and some pretty strong line,
>and my technique, although improving, is still pretty miserable.

>

>Any pointers from you steely-eyed missilemen out there on this
>reflector? Thanks.

>

>Rick

>W9QZ

>

>

>

>Brad WB8YGG wrote:

>

>snip...

>> Hey folks, I ordered a couple of slingshots from a place in Texas.

>>

>> <http://www.aactionsports.com>
>>
>> These were pretty inexpensive slingshots, and perfectly good for
>> launching the antenna!
>>
>> If you order from them, be aware that they don't have a secure server
>> for
>> ordering,
>> but they can handle over the phone, or mail in orders.
>>
>> I have no interest in this place other than they were great prices,
>> and
>> I
>> have my antenna launcher.
>> (Folding no less for backpacking!)
>>
>> 73
>> Brad
>>
>> "One of the TICK Guys"
>> Brad WB8YGG
>

Date: Wed, 06 Jan 1999 07:30:17 -0700
From: "John Evans - =?ISO-8859-1?Q?N=D8HJ"?= <jaevans@codenet.net>
To: w2xn@juno.com, qrp-1@lehigh.edu
Subject: [28898] Re: Fw: Re: Slingshots for launching
Message-ID: <36937379.AAFA4AE9@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fred J Kalt wrote:

>
> I find it easier to find a little boy in the neighborhood and let him put
> the end in the tree. Little boys like to climb trees. Besides getting
> the antenna up, the little boy has a lot of fun.
>
> w2xn

...And they bounce better than us OF's do !!!!

John A. Evans

Chief Systems Administrator

Office: (719) 528-1800 x164 Titan Software Systems
Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Wed, 6 Jan 1999 09:34:15 EST
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu
Subject: [28899] North American Sprint CW
Message-ID: <1d172286.36937467@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I am putting together several TACO teams for the upcoming North American CW Sprint this Saturday (Test starts at 1800Z, Ends 0600Z). If any qrp stations are interested in a joining a TACO "Lite" team let me know via email.

Eric / NM5M

Date: Wed, 6 Jan 1999 08:35:23 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28900] Cold Weather Voice Propagation
Message-ID: <Pine.OSF.4.05.9901060832270.1576-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was listening to CBC radio today and they had a discussion about why sounds carry better in cold weather. It turns out the air near the ground on a really cold day is colder than the air slightly higher in the atmosphere. This inversion forms a duct that channels the sound waves. It occurred to me that a similar thing happens with radio signals sometimes. It's funny how ham radio seems to pop up in the most unlikely places.

Brian.

```

+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| DO NOT ADD ME TO ANY MAILING                               No keyboard present |
| LISTS WITHOUT MY CONSENT !!!                               Hit F1 to continue  |
|                                                         Zen engineering?   |
+-----+

```

```

-----

Date: Wed, 06 Jan 1999 09:41:06 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [28901] cw filter
Message-ID: <36937602.D8CE6D2@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

```

I need a cw filter for my TS-430s and have the opportunity to get a 250 Hz Kenwood filter. I have 400 Hz inrads in my 830 and like them. The question is, is 250 Hz too "tight"?
Opinions welcomed.... Thanks

--
72 de ku4qo, Mike Maiorana, Palm Harbor, FL

```

-----

Date: Wed, 06 Jan 1999 07:50:29 -0700
From: Jeff Johnson <jeff@san-dc.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [28902] Re: Slingshots for launching
Message-ID: <3.0.32.19990106075026.01182b70@san-dc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```

My two cents worth: There are really good ideas here that I'm going to try next time I go out in the woods! I think practice is the best way to get it right, but if you haven't had much practice - try this: I use a 1 oz fishing weight (too light - I like the socket or the golf ball suggestion). I use a collapsable fishing pole and reel. A second person holds the pole

and I pull back on the slingshot as hard as I can - I find it's easier to aim that way. When the weight gets past the target, the person with the pole begins winding. This stops the weight from continuing on its flight and drops just past the target.

One other suggestion: make sure you are on the correct side of the tree to pull your antenna over!

Jeff Johnson

KJ7LO

AZ ScQRPions, QRP-1 1739, ICQ 213663

Phoenix, Arizona

Date: Wed, 06 Jan 1999 06:51:25 -0800

From: Bill Jones <kd7s@psnw.com>

To: qrp-1@lehigh.edu

Subject: [28903] For Sale or Trade - Portable QRP Station

Message-ID: <3693786D.B3E762E9@psnw.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I have an MFJ integrated CW station for sale or trade. It includes the following:

1. MFJ-9040 40 meter CW transceiver with optional MFJ-726 narrow audio filter and MFJ-412 Curtis iambic keyer module.
2. Matching MFJ-971 QRP transmatch.
3. Matching MFJ-4114 Portable Power AC Pack.

If you are unfamiliar with this equipment, log onto the MFJ web site at:
<http://www.mfjenterprises.com>

All items are in mint condition with the exception of the internal speaker in the transceiver which needs replacement.

Retail price for these items is well over \$400. I am asking \$225 + shipping or will trade for Pactor compatible, multi-mode h.f. TNC.

--

=====

Bill Jones - KD7S <><

Sanger, California

<http://www.psnw.com/~kd7s>

=====

Date: Wed, 6 Jan 1999 10:07:52 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [28904] QRP Equipment Weights
Message-ID: <21E06269B00ED111BE9B00805F6D0FA358EBC2@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

The Adventure Radio Society (ARS) once had a web page reference to a fairly complete set of QRP equipment weights (rigs, batteries, keys, headphones, etc) that someone could use to total their weight configuration for the ARS Sprint (Weight based) contest. The reference is apparently not available at this point.

Did anyone save it to their PC? I'm sure someone can help. I thought I had it but can't find it myself. I would like a copy to aid in my calculations.

Direct replies with attachment(s) greatly appreciated.

Sam Billingsley AE4GX Atlanta, GA

Date: Wed, 06 Jan 1999 15:06:38
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [28905] Elmer205: Xtal test setup sim
Message-ID: <199901061507.JAA12282@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Finally got started on the spice stuff and of course having problems... :-)

Am I the only one that can't get the fig 33 curve to look right????

Don't get the notch....Even tried 18pf for Cp with no joy....
Went to ridiculous number of points so as not to miss the notch....

Looks like the holder cap C_p is having no effect. Can take it out and get the same curve....nice smooth symmetrical resonance curve....

Can someone point out the stupid mistake that I am obviously making?
Be gentle... :-)

Larry KA5T

Here is my input file:

----- begin .cir file-----

*Crystal test setup

*SSD Page 85 Fig 33

*

* Elmer 205 exercise by K5F0

*

* Simulation to be run by Elmer205 Students

*

*Input voltage

Vi 1 0 AC 1 DC 0

*Input resistor

RI 1 2 50ohm

*Crystal

Cm 2 3 .029pF

Lm 3 4 69mH

Rs 4 5 21ohms

Cp 2 5 8pF

*Load resistor

RL 5 0 50ohms

.PRINT AC V(5)

.AC LIN 5000 3.5555MEG 3.5595MEG

.END

----- end .cir file-----

Date: Wed, 06 Jan 1999 10:17:56 EST

From: n4so@juno.com (charles k brown)
To: qrp-1@lehigh.edu
Subject: [28906] QST January 1999
Message-ID: <19990106.151700.4215.10.n4so@juno.com>

UPS ""Universal" Power Supply on page 64
Tech. Correspondence
Suggests taking a used UPS and modifying it for a
backup power supply to provide either 12V or 120 V ac
power supply for ham gear. The author is Robert KI5PG --
rbw@tisd.net

Also page 45, 65--
"Getting More Voltage Out of a Regulator IC" by
Sam Ulbing, N4UAW, suggests some work-arounds for
the LM7805 fixed-voltage regulator and shows the math
for calculations for output-voltage.
This is related to his earlier article in QST "My
All-Purpose Voltage Booster", from July 1997, pp 40-43.
n4uaw@afn.org

Ken
N4SO@juno.com
Mobile, AL
100% Fractal antennas

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: 06 Jan 1999 10:26:36 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: blazure@wstm.com
Cc: qrp-1;;
Subject: [28907] Re: Low noise Circuit Grounding
Message-ID: <1999Jan06.102636-0500@[130.113.234.7]>

In <369356D0.11EF@wstm.com>, bill lazure wrote:
>Gang,
>
> I want to build an R2-style receiver with a reworked diplexer and
>audio section. While testing the diplexer on the original R2 layout, I
>noticed that noise dramatically increased depending where I grounded
>some components.

> I don't want to go through all the trouble of making a PCB to find
> out that it's noisy because I grounded some components to the wrong
> place.
> So, exactly what is the best way to lay out the grounds in a
> high-gain circuit like this one?
> -Assuming single-point (star) grounding is generally best, why
> is it that the original R2 layout seems to be divided into several
> sections that all tie back to one point, rather than have each component
> tie back to a single point?
> -Why aren't the mixers separated out into individually grounded
> sections like the rest of the circuitry?
> -Could a continuous top-side ground plane compare to the
> performance of the current R2 layout?
> -Are there any related considerations for how I connect +DC?
>

Bill,

Grounding in a DC receiver is fraught with problems, because of the high-gain audio chain that follows. Groundloops are a BIG problem especially when you drive a low-impedance speaker (where audio currents are very high). If any of these output AC currents find their way back to the mixer, you're in trouble with howling audio oscillations.

The SBL-1 type mixer helps isolate local-oscillator grounds from the audio-chain ground (via one of the trifilar wideband transformers). Same with the RF port.

One of the keys to foiling groundloops is how you feed in power, and how you route the speaker groundline. DC power is best attached very close to the audio power transistors. Speaker ground return is often best kept off the board entirely, routing directly back to the power connector.

Had a look at the R2 PCB layout in the HANDBOOK. They DON'T use a groundplane, because ground-current paths are not easily predictable. It's not quite a single-point grounding system, but close.

Date: Wed, 6 Jan 1999 07:47:13 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: NM5Mike@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28908] Re: North American Sprint CW
Message-ID: <Pine.SOL.3.96.990106074040.5572A-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Jan 1999 NM5Mike@aol.com wrote:

>
> I am putting together several TACO teams for the upcoming North American CW
> Sprint this Saturday (Test starts at 1800Z, Ends 0600Z). If any qrp stations
> are interested in a joining a TACO "Lite" team let me know via email.
>
> Eric / NM5M
>

Hi Eric,

One small correction....

It is the North American QSO Party that is on for
next Saturday.

The North American Sprint is the second Saturday
in February, right after FYBO and before the ARRL
DX Contest.

But I encourage everyone to get on and have fun
in the NA QSO Party.

This is a great contest to finish up that WAS! The
exchange is your name and state if I remember right.

Full rules are on the NCJ page. You can get there from
the ARRL page.

(I'll be running 100w in this one.... :-(But hey,
I wanna see what it's like!) This contest only has
one official power level.... 150w max.

Hope to work many of you.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 6 Jan 1999 10:52:25 EST
From: RangerSF5@aol.com

To: qrp-1@lehigh.edu
Subject: [28909] The Y2K clock
Message-ID: <dd106e1c.369386b9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Not QRP but everyone is talking about it.
Let me know if you want the Y2K clock for your computer and I'll upload it to you.
It has various settings and I guess it can be set for UTC time.
Will not work with win 3.1 and some early win 95 ver A.
Bob
WA2HQQ

Date: Wed, 06 Jan 99 10:56:20 -0500
From: w4pj@w4bkk.ampr.org (Scott)
To: qrp-1@lehigh.edu
Subject: [28910] Slingshots etc.
Message-ID: <1599@w4bkk.ampr.org>

The Cuban expatriots here in South Florida use a fishing handline spool called a "yo-yo". It is a plastic spool approximately 10 inches in diameter and 3 inches wide.. To use it, one attaches a weight to one end of the line (or fishing tackle and bait which has it's own weight) and spins a 3 or 4 foot length of the line overhead or at ones side then releases it sending the bait or other weight flying, hopefully, in the desired direction. One edge of the spool is flared to allow the line to uncoil easily, not unlike a standard spinning reel spool only larger. Adept users can cast a line in excess of 100ft.
Even gringos like myself could easily make the top of a 50ft tree.

An entire antenna system including wire, feedline and hoisting halyards could be wrapped on the spool then uncoiled, tangle-free, prior to using the yo-yo and fishing line.

OK -

I just got off the phone with Bill Boyd's fishing tackle here in town and he says they cost \$1.50 - That's right a buck and a half! I asked if they are willing to ship mail orders and the answer was "...no problem, but the shipping would probably be more than the yo-yo." <g>. Anyway, for those who fail to master the overhead spin cast, the yo-yo would still be an ideal way to store and carry the antenna and could be used for slingshot or bow and arrow line instead of the conventional fishing reel.

Bill Boyd's Fishing Tackle
508 North Andrews Avenue
Ft. Lauderdale, FL
954-462-8366
(std disclaimer yadda yadda)

de Scott / W4PJ

P.S. Hmmm. I might have one of these puppies laying around somewhere. I'll have to check it out.

Date: Wed, 6 Jan 1999 08:59:28 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: adams@ticnet.com, qrp-1@lehigh.edu
Subject: [28911] Re: Mystery Paddle Revealed
Message-ID: <199901061600.JAA25125@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Chuck, gang--

>> I haven't heard a peep on the new version of the Mercury.<<

Here's the word from the horse's mouth, so to speak:

Date sent: Wed, 30 Dec 1998 06:55:31 -0600
From: Bencher Inc <bencher@ameritech.net>
Subject: Re: Mercury

The rumors are correct. Bencher will be making future Mercury paddles. Since most of the parts will be made on premises, we believe the quality will be comparable to N2DAN. Price is \$495.00- delivery late February, you may order now. We will confirm and settle financial arrangements when we are ready to ship.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Wed, 6 Jan 1999 10:04:46 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [28912] Son of FireBall: Payments received
Message-ID: <v01540b00b2b933f26aeb@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good Morning and Happy New Year,

Here is the list of those who ordered the 28.060 MHz oscillator from whom I have received their payments (as of yesterday afternoon). If you haven't gotten your check or MO in the mail yet, please do so. I should be receiving the shipment from Bomar Crystals within a week to 10 days. If you've sent in your check and don't see your name starred on the list, then don't panic. Receipt at my QTH is dependent upon the vagaries of the USPS. The stagecoach makes it here at least twice a week. :-)

Thanks and 72,
Mike McShan N5JKY
4209 NE 143
Edmond, OK 73013

(An asterisk by your name indicates that I have received your payment).

Name	Call

Andreas	AD6FQ
*Walter	AG5P
Chuck	K1CL
George	K4PYM
*dave	ab5pc
*Vic	AB6SO
*Bob	AB7ST
*Don	AI4CW
*Jim	AL7FS
Jon	ea2sn (I'll write you separately today; sri for delay)
*Joel	K1QM
*George	K3TKS
*John	K5JS
*Oscar	K5UBS

*Red	K5VOL
*Kaye	K8GZ
*Steve	K8IDN
Douglas	KA2UPW
Rod	KA7YOU
Bruce	KB0PZD
Clyde	KB4CUQ
*Mike	KB90CE (got your address change)
*Jim	KC1FB
Ed	KC4MHM
*Nick	kf2ph
*Rick	kf4ar
*Mac	KF4KSM
*Doug	KI6DS
*Jim	KJ5TF
*Bruce	KL7H
Wes	N0IHM
*George	N2APB
*Joe	N2CX
Robert	N2LO
*Kevin	N2TO
Bill	n2wf
*Al	N2ZHS
*David	n2zhy
Alan	N3BJ
Scott	n3byy
*Jerry	N4EO
*Mike	N5JKY (Yep, I paid. And how.)
*Bart	N5WL
Ralph	N7RI
*Bruce	N7RR
*Skip	NC90
Steve	N0TU
*Jerry	NR5A
Earl	VE3AB
*Glen	VE3DNL
Peter	ve3ggy
*John	VE3JC
Brien	VE3VAW
*Jerry	W0MC
*Lee	w0vt
Rex	W1REX
*Tony	W2GUM
*John	W2IV
*Dick	W2SCF
*Rick	W4SEA
*Karl	W5QJ
*Brian	W5VBO

Mike W8DN
*Joe W8RIK
Vince WA2ECP
*Charlie WA5KRF
*Jerry WA6OWR
*Mike WA8MCQ
Keith WB2VUO
John WB4OFT
*John WB8RCR
Rick Wz2t
*Frank Henrikson
*Roger K Bassett Jr.

Date: Wed, 06 Jan 1999 10:06:06 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: w2xn@juno.com
Subject: [28913] Re: Fw: Re: Slingshots for launching
Message-ID: <369389EE.2D851421@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fred, sounds like an effective approach - until the little boy gets hurt
and you get to see how good your Homeowner's insurance REALLY is! ;^)

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Fred J Kalt wrote:

>
> I find it easier to find a little boy in the neighborhood and let him put
> the end in the tree.

Date: Wed, 6 Jan 1999 11:06:30 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu, qrp@qth.net, cw@qth.net
Subject: [28914] FS ARK 20-M

Message-ID: <d856a329.36938a06@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale ARK for 20 meter with the S&S programble keyer.
Aligned and updated by S&S.
Super clean and 100 % mint condition
\$220 + Shipping.
Rock solid and drift free.
A real super narrow CW filter and quite RX.
This is a real gem and a nice DX machine.
Has only the S&S approved mods installed.
I'm also LQQKing for a ARK-4, (not the 40, the ARK 4 a small unit without the
speaker)
Bob
WA2HOQ

Date: Wed, 6 Jan 1999 11:09:54 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [28915] last resort or it's south from here...
Message-ID: <19990106.111308.-215213.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Highest gang:

I am sitting heah looking at my qrp ++ with the s-meter setting on zero
and wondering why I crossed the mason/dixon line going up....

In despair, I have decided on a dipole as a last ditch effort to secure
a signale up heah in the frozen north.... it been cold, about - read that
minus _20 the last few nites and into the daylights.... we're still
about fifteen degrees short of having none as I write...

Kinda makes my cajun mom want to cry... here her son has all this time
to operate and no antennas that will pull in a signal for him... poor
mom.... she has been depressed lately....

Here I done gone set up for rtty and sstv and no one to talk to... kinda
reminds me of the time the swamp dried up (back in louisiana)... or when
all four of my girl friends showed up at the same party....

What's a poor cajun lad to do???? Yea I kneaux ,,,... drag his tale
outta heah...

joel wa5cvm, displace cajun in maine, suffering a lot....

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 6 Jan 1999 10:21:40 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [28916] Re: QRP Equipment Weights
Message-ID: <v01540b01b2b93d96aeef@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Actually, I also went looking for this info recently. Maybe it would be good to post it to the list since there may be a number of people who are interested.

Mike N5JKY

>The Adventure Radio Society (ARS) once had a web page reference to a fairly
>complete set of QRP equipment weights (rigs, batteries, keys, headphones,
>etc) that someone could use to total their weight configuration for the ARS
>Sprint (Weight based) contest. The reference is apparently not available at
>this point.

>

(snip)

>

>Direct replies with attachment(s) greatly appreciated.

>

Date: Wed, 6 Jan 1999 08:25:06 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [28917] TRANSFORMER NEEDED
Message-ID: <19990106162506.5994.rocketmail@send204.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning y'all - -

I need a Triad M-IX (or M-1X) five watt modulation transformer for a project (yes, QRP.) If anyone has one, or knows of a source, please

let me know. Also of help would be the primary and secondary impedances if anyone would have that information. Thanks.

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE W5CGH Systems Engineer
(ex WB0CGH) Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377 SMIRK #4906
ARS #72 Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 6 Jan 1999 10:24:05 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [28918] Re: Potpourri from the "Frozen North"
Message-ID: <v01540b02b2b93e31d35f@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Now I remember, the built in Curtis keyer had shot craps and I was waiting
>to find another chip... This is a great opportunity to install that Tick
>keyer that I built up many moons ago... I see a broken wire going to the

I noticed that MFJ has a new version of the Curtis chip (with memory buffer) listed in their most recent catalogue. Might be worth a look.

Mike N5JKY
Edmond, OK

Date: Wed, 06 Jan 1999 07:28:45 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>

To: mgemm@mtechnologies.com, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [28919] N2DAN paddle on ebay
Message-ID: <36938F3D.7CE4979B@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FWIW, N2DAN paddle on ebay is up to \$511.

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=53191432>

The URL is worth visiting for the five (5), unbelievable quality photos of the paddle. I couldn't resist and saved the images to my Zip Drive. Best photos I have ever seen of the N2DAN paddle. And the paddle is so primo it hurts. Never used.

73, Jim, AL7FS

Marshall Emm wrote:

>
> Hi, Chuck, gang--
>
> >> I haven't heard a peep on the new version of the Mercury.<<
>
> Bencher will be making future Mercury paddles.
> Since most of the parts will be made on premises, we believe the quality> will
be comparable to N2DAN. Price is \$495.00-

Date: Wed, 06 Jan 1999 10:28:44 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28920] Re: cw filter
Message-ID: <36938F3C.4F18470D@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not for my ears, Mike. In my IC-765 I routinely operate with both 500-Hz and 250-Hz IF filters, plus the audio DSP filter in the JPS NIR-12 outboard unit.

Only effect I notice from having the 250-Hz filter in line with the others, other than a welcome reduction in line noise (!), is that I must

tune a little more carefully and slowly.

Flipping the 250-Hz filter in and out makes no difference in the loudness of a desired signal - it only reduces the background noise level, as it should. If that weren't the case, I would suspect that the filters were not properly matched.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Michael Maiorana wrote:

>

The question is, is 250 Hz too "tight"?

> Opinions welcomed.... Thanks

Date: Wed, 6 Jan 1999 08:51:48 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Cc: jaevans@codenet.net
Subject: [28921] IC-706 OWNER SURVEY RESULTS
Message-ID: <19990106165148.22518.rocketmail@send204.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning y'all - -

A couple days ago I posted a request for owner comments on the Icom IC-706. Got a whole slew of comments back, and thought I'd share them with y'all.

No one disliked the radio, with most loving it. Almost everyone mentioned one idiosyncrasy or another, but then what radio doesn't have some of those? The most heard comments were:

- 1) The menus take a bit of getting used to due to the lack of front panel space. "All" controls share multiple duties.
- 2) T/R relay chatter on CW can be a bit annoying, but with headphones or with the transceiver body remoted, it's not a big deal.
- 3) Not a great rig for two-meter FM. Rather hard to set up, and repeater splits are not saved to memory.

4) Minimum settable power level is 2.5 to 5.0 Watts, depending on who was measuring it. Lower with external ALC bias.

5) Most mentioned using their 706 mobile, many on CW.

Other comments:

1) "I've been licensed 35+ years, never had a rig I loved like this one." Marv, K2IPH/6

2) "I wish it had full QSK, but can't have everything." Dave, AB5PC

3) "A lot in a small box." "Receive sensitivity is quite good." Phil, N0KE

4) "The 706 is one outstanding radio and I would buy it again..." John, N3AAZ

5) "...set up all my favorite freqs in memory. Makes it easy for switching when moving." "Had the TS-50 before this and like this one much more." Aron, N10DL

6) "Just bought my second 706." "I like the size best of all." "...some filter blow by from strong signals." Bill, K6MGO

7) "The scratch pad memories are surprisingly handy." "I don't like this radio at all for SSB. My previous radio was an old SBE34 (!!!) which had Collins mechanical filters. The Icom filters don't have nearly the steep skirts, and it really shows." John, WB8RCR

8) "I have the original version and I rate the rig a 10 overall." "It does draw about 6 Amps at the five watt level, so is not battery friendly." "I use mine mobile, base and portable...LOVE IT!!" Tom, WB5QYT

9) "The only feature it doesn't have is silent QSK. But then I'm spoiled by my Sierra and other diode switched low power rigs." "I've had mine for six months and am very happy with it." Roy, AB7CE

Thanks for many similar comments from Roger, N7KT; Bob, KI7MN; Cal, KF7ET; Bob, KI0G; Paul, WA9PWP; and Doug, N6TQS.

Hope this is of interest to everyone, now if I can just come up with a kilobuck I'll buy one. Anyone want a 40's vintage Vibroplex Original?? You can't have my Brown Brothers though!

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE W5CGH Systems Engineer
(ex WB0CGH) Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377 SMIRK #4906
ARS #72 Austin QRP Club #e

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 6 Jan 1999 10:50:10 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [28922] for Jon ea2sn
Message-ID: <v01540b06b2b943fa2f7c@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry to post to the list, but my email to you keeps bouncing. I have

iapizloj@bicc00.bi.ehu.es

as your email address. I this correct? Please reply directly.

Thanks,
Mike N5JKY
Edmond, OK

Date: Wed, 06 Jan 1999 08:53:20 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [28923] FS AND CLAIMED
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

THE MFJ-4114 HAS BEEN TAKEN

AEA PK - 232
MULTI-MODE DATA CONTROLLER
RTTY, AMTOR, PACKET, CW.
WITH MANUALS, MacRATT 2.0, 13V POWER SUPPLY
& CABLES
\$140 INCLUDES SHIPPING IN USA

Date: Wed, 6 Jan 1999 11:09:15 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Subject: [28924] Re: The Millenium
Message-ID: <199901061709.LAA17855@okcforum.org>
Content-Type: text

> Try as you will, popular opinion dictates otherwise. As far as I'm
> concern, when that most significant digit changes to a '2' the new
> millenium has begun.

I am of a similar persuasion. My more intellectual side recognizes the logic behind declaring 2001 as the official start of the new millenium (as if that had much real meaning, anyway--which I'm not aware of, if it does). It's sort of like the "start with 0, or 1?" question that comes up with computers. Unless you're actually dealing with something as picky as a computer program, it doesn't really matter much which scheme you use, as long as it seems to make sense to everyone.

As for me, I will be much more thrilled when "the odometer rolls around" than when we advance from 2000 to 2001.

ObQRP: Has anyone geared up for the ARKANSAS QRP CLUB MILLENIUM CHALLENGE AWARD yet? The idea is to make 2000 QRP contacts by the year 2000 (a few days into 2000, actually). (If there is a great clamor for details, I'm sure the ARQRP guys won't mind if I cross-post their announcement about the event, here. Email me if you need a fill.)

--Jim WB5UDE

Date: Wed, 6 Jan 1999 09:20:45 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@lehigh.edu
Subject: [28925] FS: QRPp collection, complete
Message-ID: <199901061720.JAA05334@heracles.llnl.gov>

I have a complete collection of QRPp that I am willing to sell to a good home.
\$50 + shipping.

K7GT

Date: Wed, 6 Jan 1999 09:22:41 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@lehigh.edu
Subject: [28926] WANTED: NC40A/5W or unbuilt kit
Message-ID: <199901061722.JAA05343@heracles.llnl.gov>

I would like to purchase a NC40A with a functional 5W power amp stage. Prefer
latest version of the rig. Or... an unbuilt Wilderness Radio rev B kit.

K7GT

Date: Wed, 06 Jan 1999 09:32:59 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28927] Re: N2DAN paddle on ebay
Message-ID: <36939E4B.FF1A0E4A@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Larsen AL7FS wrote:

>
> FWIW, N2DAN paddle on ebay is up to \$511.
>
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=53191432>
>
> The URL is worth visiting for the five (5), unbelievable quality photos
> of the paddle. I couldn't resist and saved the images to my Zip Drive.
> Best photos I have ever seen of the N2DAN paddle. And the paddle is so
> primo it hurts. Never used.

I had the opportunity to use one of these. It was very nice, but I also compared it to the WBL paddle, and I felt the WBL is smoother and just as precise. As far as looks, well, that's subjective, but I think the Mercury is the best looking paddle I've seen in the flesh (I've seen a picture of the Hensley, and it might be as attractive or better).

However, from the point of view of the 'working' CW man, I like the WBL. I'm still waiting for the WBL I ordered in May, which should arrive any day now. The price is much more reasonable, too, if you don't mind waiting.

Prediction: the N2DAN paddle on ebay will go for \$900.

73,
Vic, K2VCO
Fresno CA

Date: Wed, 06 Jan 1999 12:44:15 -0500
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28928] Re: The Millenium
Message-ID: <3693A0EF.C8946515@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What is it with this Millenium thing? Do you seriously think there were deep, involved discussions like this in 1899? Did they debate the start of the 20th century as we have for at LEAST two years?

A millenium is said to be a thousand years, right? Well, then one would think it becomes a NEW Millenium when the 2 is added to the front of the year, i.e; 2000. I think that is about the BEST description and/or argument I have heard. For all the intellectuals that want to debate past this point....well, I guess I never cared for those kinda people any ol' way. (hi)

I'm poppin the champagne for 2000.....anyone wanna join me?

72/73,
Erv W8ERV

Date: Wed, 6 Jan 1999 09:43:08 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [28929] Qrp Knwd ts-440at
Message-ID: <19990106.094653.-109875.3.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone by-passed the finals in a Knwd ts-440at?
The rtt weekend was too much for the finals and I have to replace them.
If I could get 5 watts output with just the drivers I will go that route.
dave ab5pc fresno, ca.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 06 Jan 1999 10:45:29 -0700
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [28930] ICOM706
Message-ID: <199901061746.KAA16424@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:51 AM 1/6/99 -0800, you wrote:

>
>Good morning y'all - -
>
>A couple days ago I posted a request for owner comments on the Icom
>IC-706. Got a whole slew of comments back, and thought I'd share them
>with y'all.
>
>No one disliked the radio, with most loving it. Almost everyone
>mentioned one idiosyncrasy or another, but then what radio doesn't
>some of those? The most heard comments were:

(snip)

>3) Not a great rig for two-meter FM. Rather hard to set up, and
>repeater splits are not saved to memory.
No problem here. Mine works good on FM and stores tones and offsets and

alpha-numeric labels to memorys.

>4) Minimum settable power level is 2.5 to 5.0 Watts, depending on who
>was measuring it. Lower with external ALC bias.
ICOM specs the "L" power setting as 3 watts. Mine measures that on a WM-2.

Roy, AB7CE

Date: Wed, 6 Jan 1999 12:50:34 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [28931] FireBall 40 - problem?
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B65A4AD0@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I built my Fireball for 7.080 and it went together real smooth. Then I
tried it on the air and can't raise a soul - nutton!

So I checked the emails over the last several weeks about this unit and went
back and created solder bridges in the specified areas to make sure all was
properly grounded. still nutton - I don't even get a little needle
movement on my tuner, even in reflected power settings with the tuner
de-tuned. I think I should at least see the needle move a touch at 40mW.

Next - I drag out the Tek 465 (I don't know how to use a scope for nothing,
but my Dad bought it for me so I could leard this Ham electronics stuff, but
I'm "cabadosta" (Italian for block head) when it comes to this. I want to
learn but it's not coming easily.

I took a freq measurement and I think I was able to calculate the freq in
the ball park. Not bad so far. I already knew it was audible on a receiver
on 7.080 so I was just checking to see if I could come to the same
conclusion with the scope. OK - so now watt's the power level at :-) I
tried to measure the amplitude and calculate the watts. I came up with
about 2mW (NG). I didn't know if it's me not using the scope right or the
rig is not putting much out. I brought the FB-40 in to work and asked a
Tech to give me a power reading from an accurate HP power meter. His
conclusion was 8mW out.

Looking at the components on the board (hardly any), I don't understand what
could cause low power except something in the Pi Filter. Have others built
the FB-40 for 40meters? Are you getting the correct power out (40mW)? Did

you have to adjust the number of turns on the cores? Am I barking up the wrong tree here or what? Hello? Is this thing on?

72,

Nick - kf2ph . .

--

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 06 Jan 1999 09:53:22 -0800
From: "Eric Swartz - WA6HHQ, Elecraft" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [28932] Re: Is the new EleCraft Y2K compliant? - YES
Message-ID: <3693A312.A1E0E987@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The K2 is definitely Y2K compliant.

73, Eric WA6HHQ

<http://www.elecraft.com>

=====
Lee Bahr w0vt wrote:

Since I have ordered the new EleCraft K2 transceiver, I am curious if it is Y2K compliant? I would not like to go down in flames next New Years Eve, or have the Y2K police seize my new rig !! :-) Lee Bahr w0vt

Date: Wed, 6 Jan 1999 12:53:21 -0500 (EST)
From: afpgreg@state.me.us (Paul V. Gregory)
To: qrp-l@Lehigh.EDU
Subject: [28933] 5105 Diode/Rectifier

Message-ID: <199901061753.MAA07917@gatekeeper.ddp.state.me.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I need a diode/rectifier for a SouthCom transciever, but my documentation lacks its specifications.

Schematic and marking on the diode itself identify it as a "5105." The local parts guy with an AGC catalogue finds no such creature or equivalent.

Any thoughts?

tnx fer reading de N1ZR, Paul

Date: Wed, 6 Jan 1999 13:15:15 EST
From: Baranger1@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28934] Mail Order Mizuho Products
Message-ID: <2b51345c.3693a833@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a note to the group to let every one know of the good luck I have had with ordering Mizuho stuff from Toptron in Tokyo.
Mr. Sasaki at the TOPTRON Corp. has been very helpful and very fast as far as getting info, as well as the products to my door.
The last shipment was at my door in TWO days from Japan. I call that fast!
If you are looking for anything Mizuho please fax him with questions at the number below.

TOPTRON Corp. /Mr. Sasaki
1-4-7, Iwamotocho
Chiyoda-ku, Tokyo 101-0032
Japan
Fax: +81 3 3866 7881

Again, I am thrilled to have him for as a source. He is top notch!
73 Bill W9WCR

Date: Wed, 6 Jan 1999 13:28:20 EST

From: Ab5wx@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28935] Frequency Meter Schematics?
Message-ID: <6eac18f6.3693ab44@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone out there have schematics for assembling a simple frequency meter using one of the common 16 character LCD displays (like a Sharp LM16)?

I have connected a BK precision freq meter to my HW8 and it seems to work great. So now I would just like to QRP it a wee bit (as in make it small).

Dave, AB5WX
QRP-L #1718 FISTS #3964

Date: Wed, 6 Jan 1999 10:33:05 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-1@lehigh.edu
Subject: [28936] QRPp collection SOLD
Message-ID: <199901061833.KAA05603@heracles.llnl.gov>

The QRPp collection recently advertised is SOLD.

Still looking for a 5W NC40A.

K7GT

Date: Wed, 6 Jan 1999 12:40:00 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [28937] RE: Cold Weather Voice Propagation
Message-ID: <000001be39a3\$f8117a20\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually it is more accurate to say that cold air is denser than warmer air. The increase in density makes the cold air a better conductor of sound. It

has very little to do with ducting unless there is an extremely sharp change in temperature at height.

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Brian.Buydens@usask.ca

> Sent: Wednesday, January 06, 1999 8:35 AM

> To: Low Power Amateur Radio Discussion

```
> Subject: Cold Weather Voice Propagation
```

>

>

> I was listening to CBC radio today and they had a discussion about why

> sounds carry better in cold weather. It turns out the air

> near the ground

```
> on a really cold day is colder than the air slightly higher in the
```

> atmosphere. This inversion forms a duct that channels the

> sound waves.

```
> It occured to me that a similar thing happens with radio signals
```

```
> sometimes. It's funny how ham radio seems to pop up in the
```

```
> most unlikely
```

```
> places.
```

 $\succ$

> Brian.

>

> +-----

> - - - - - +

```
> | Brian Buydens,      Computing Services, University of
```

> Saskatchewan |

```
> | email: Brian.Buydens@usask.ca
```

```
> http://duke.usask.ca/~buydens |
```

> | VE5RDV

>

> +-----

> -----+

> | DO NOT ADD ME TO ANY MAILING

No

```
> keyboard present |
```

> | LISTS WITHOUT MY CONSENT !!!

Hit F1

```
> to continue |
```

> |

Zen

```
> engineering?
```

> +-----

$$> \text{-----}+$$
 $\succ$

>

>

>
>

Date: Wed, 06 Jan 1999 12:40:32 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: kb8tnq@voyager.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28938] Re: The Millenium
Message-ID: <3693AE20.EFCCC3BF@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

J. Ervin Bates, W8ERV wrote:
>

> A millenium is said to be a thousand years, right? Well, then one would
> think it becomes a NEW Millenium when the 2 is added to the front of the
> year, i.e; 2000. I think that is about the BEST description and/or
> argument I have heard.

A millenium is 1000 years long. The first year is the year one. At the end of the first year you start year 2. Counting from 1 to 1000 you should be able to see that 1000 years have not passed until Dec 31, 1000 AD. Similarly, 2000 years have not passed until Dec 31, 2000. 2001, A Space Odessy, used the year 2001 for a reason.

Given that civilization is going to come to an end when the clock hits 2000, I agree its time to party next new years eve. May not have anything to party with or any reason to party a year later. HI

73 de Dave, N0IT

Date: Wed, 6 Jan 1999 14:48:29 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@lehigh.edu>
Subject: [28939] Re: N2DAN paddle on ebay
Message-ID: <Pine.LNX.3.93.990106143946.1113G-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Jan 1999, Vic Rosenthal wrote:

> Prediction: the N2DAN paddle on ebay will go for \$900.
> Vic, K2VCO

Well, I talked to Steve about that exact paddle (SN 179) back in July, and a kilobuck didn't loosen his grip on it :) I suspect the reserve price is four digits. He did tell me I had the only "realistic" idea of what it would take get it away from him. And I have to say, I just really really really wanted a Mercury, and \$1K is rediculous for a paddle! My ~\$80 Czech paddles from G3RJV keep me happy...

Jim, thanks for the tip, I'm interested to see if it actually changes hands this time. And thanks to who ever brought a Mercury to the Dayton Hospitality room to play with, I enjoyed every second! 72 all

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 6 Jan 1999 14:01:03 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [28940] CB Conv- Uniden PC122XL
Message-ID: <199901061847.NAA19206@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Dear Friends,

The Uniden PC122XL (SSB CB) I ordered weeks before Chritmas finally showed up yesterday. After poking and proding it, I have some good news and some bad news.

The good news is that it would be relatively easy to convert it to 10M. Simply by swapping out the stock PLL xtal with a common 11.0592 Mhz uP xtal, will move the tuning range to 28.2666 Mhz to 28.7418 Mhz and will now tune in 10.8 Khz steps.

The bad news is that the PLL chip will only tune the CB band plan frequency steps, which means it jumps 20 Khz, every third channel. The "Clairifier" control can be made to tune a somewhat greater range than the stock +/- 2 KHz and be made to work on both Tx and Rx, which helps some, but is still less than ideal.

Seeing that you can buy a 10M SSB rig that tunes in 10 Khz steps for about \$40.00 more than what this Uniden costs, I have to wonder if it's worth the effort to convert.

Converting down to 12 M would also be possible, but requires a 8.950 Mhz xtal, which would have to be custom made. Sadly, a common 9 Mhz xtal starts the tuning range just above the 12M band.

Oh well, there just aren't any free lunches and I think I wasted 100 bucks buying this thing. Live and learn!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 6 Jan 1999 11:08:30 -0800
From: Brian Murrey <brian@iquest.net>
To: qrp-l@lehigh.edu
Subject: [28941] To QSL or not to QSL....
Message-ID: <99Jan6.110812pst.17096@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen and fine ladies,

Several days ago I made a post that contained a remark that some have interpreted to be a mean spirited jab at those who do not QSL 100% of their QSO's. Keep in mind, I'm relatively new at this whole HF CW QRP game and maybe I is just a big ignoramus but I was quite surprised at some of the email I got.

Let me tell you this, I have studied and researched my vast QSO logs and I have been able to determine this much....I began QSOing without abandon on September 7th, 1998 and since then I have completed what I would call 155 legal QSO's. (name, rst, qth) I have QSL'd 154 of these QSO's to date. Some of you have gotten numerous cards from me because we've worked each other more than once. The one I didn't QSL was because the callsign is invalid so either it was a pirate on CW (HIHI) or I copied the callsign wrongly at least six times.

Of my first 100 QSO's, 95 have returned the favor. This left me with the impression that almost everyone QSL's for one reason or another. I do it to promote QRP operation, and to let the other party know that I did

enjoy their contact and derived great amounts of pleasure from it. My QSL says KB9BVN/QRP right there on the front. So I guess I have a question....

IS MY IMPRESSION THAT MOST HAMS QSL RIGHT OR WRONG? My email on the subject would suggest otherwise.

--

=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====

Date: Wed, 6 Jan 1999 11:35:46 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@lehigh.edu
Subject: [28942] FS: IC720A
Message-ID: <199901061935.LAA05855@heracles.llnl.gov>

Not strictly QRP, but it may be of interest. A friend's father passed away recently and left an estate including some ham gear (he was W8MAN). The (solid-state) HF xcvr in that gear may be of interest to the gang as it has full HF coverage and a general coverage receiver as well. I have been working with him to establish a reasonable price and we have come up with \$225 - 250 for it. It will require a 12V supply appropriate to the power level desired (for QRP, I would suppose 3-4A should do it). I am not sure whether a mike comes with it or not. I have not checked it operationally, but it was his rig for portable use and on trips to the grandkids...so likely works. I can check it if there is any interest.

Please contact me if interested.

K7GT agtaylor@llnl.gov

Date: Wed, 6 Jan 1999 14:36:15 EST
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu
Subject: [28943] North American QSO Party
Message-ID: <9fc2eeb0.3693bb2f@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In my earlier post, I incorrectly identified the NAQP contest that begins this Saturday @ 1800 Z and ends 12 hours later. I am however still looking for those interested in being on a QRP team. Teams consist of 5 operators, all operating from their stations.

Rules for the NAQP can be found in the January QST or on the NCJ website.

Thanks to KU7Y for pointing out my mistake.

75, Eric NM5M

Date: Wed, 06 Jan 1999 13:28:28 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Cc: carmody@lawyer.com, hats@stevens.com
Subject: [28944] FS: Mizuho Handhelds
Message-ID: <3.0.5.32.19990106132828.008eba10@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang

The new MX-21S has been sold. Still available:

1. Mizuho MX-21S 15 meter handheld, SN 201771. Covers 21.200 through 21.250 mhz. Outputs 2 watts on CW and approximately 0.5 watts on SSB (which is probably low - don't have a service manual). Operates on 7 AA nicads or 6 AA alkalines and a spacer. Used, and sort of looks it but works - you won't be afraid to throw it in your backpack :-) \$230.

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Wed, 6 Jan 1999 15:11:12 -0500
From: w2bj@juno.com (Barry J Minsky)
To: rakefet@rakefet.com
Cc: qrp-1@Lehigh.EDU
Subject: [28945] Re: N2DAN paddle on ebay
Message-ID: <19990106.151426.-238029.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Vic,

I own the N2DAN and two WBLs (the single and dual lever versions). Although I think the Mercury is great, I agree with you that the WBLs are extremely smooth and precise. It is simply unbeatable for the price and I would recommend it to anyone. Also, Stan at WBL is very helpful and responsive. I got the single lever paddle from someone else and instructions were not included. I called Stan and he spent a lot of time explaining the features of the paddle to me. He then mailed me brochures and instructions. Again, I would highly recommend the WBL to all.

On Wed, 06 Jan 1999 09:32:59 -0800 Vic Rosenthal <rakefet@rakefet.com> writes:

>Jim Larsen AL7FS wrote:

>>

>> FWIW, N2DAN paddle on ebay is up to \$511.

>>

>> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=53191432>

>>

>> The URL is worth visiting for the five (5), unbelievable quality
>photos

>> of the paddle. I couldn't resist and saved the images to my Zip
>Drive.

>> Best photos I have ever seen of the N2DAN paddle. And the paddle is
>so

>> primo it hurts. Never used.

>

>I had the opportunity to use one of these. It was very nice, but I
>also

>compared it to the WBL paddle, and I felt the WBL is smoother and just
>as

>precise. As far as looks, well, that's subjective, but I think the
>Mercury is

>the best looking paddle I've seen in the flesh (I've seen a picture of
>the

>Hensley, and it might be as attractive or better).

>

>However, from the point of view of the 'working' CW man, I like the
>WBL. I'm
>still waiting for the WBL I ordered in May, which should arrive any
>day now.
>The price is much more reasonable, too, if you don't mind waiting.
>
>Prediction: the N2DAN paddle on ebay will go for \$900.
>
>73,
>Vic, K2VCO
>Fresno CA
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, FISTS CW Club of Coastal Georgia, Knightlites, Adventure
Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Wed, 6 Jan 1999 16:01:05 -0500
From: "Dave Maliniak" <dmaliniak@penton.com>
To: qrp-l@lehigh.edu
Subject: [28946] N2DAN paddle on eBay
Message-ID: <852566F1.00736147.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Well, they're now up to \$761 on that Mercury paddle. I've never seen one, much
less used one, and I'm sure they're everything they're cracked up to be. But I'd
have to skip a whole bunch of lunches to find out at that price!

72, David N2SMH
Glen Rock, NJ

Date: Wed, 06 Jan 1999 20:58:49
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [28947] Elmer205: Xtal test setup - PSpice 6.0
Message-ID: <199901062101.PAA07374@admin.inetport.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Downloaded PSpice 6.0 and ran the Crystal setup model on it...

Got the same curve as with Winspice.... Hmmmm....

Anybody else using PSpice 6.0???

Larry KA5T

Date: Wed, 6 Jan 1999 16:15:47 -0500
From: "Juan David Zuloaga" <hk4bmg@epm.net.co>
To: "QRP-L LIST" <qrp-l@Lehigh.EDU>
Subject: [28948] Replacement for MPS 3866 Transistor ?
Message-ID: <199901061110.QAA01473@lauta.epm.net.co>

Hi Gang!
Does anyone know what are some replacements for a MPS 3866 Transistor?
It s not on My 1992 ECG Book.

Thanks in advance

Juan Zuloaga
HK4BMG

Date: Wed, 6 Jan 1999 16:27:10 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_Nogaqrp_List (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [28949] Notice of North Georgia QRP Group Meeting Feb 6th, 1999
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3596186@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

The North Georgia QRP Group (NOGA) will be holding the next quarterly meeting on Feb 6th, 1999 from 11AM to 2PM at TechAmerica store 5600 Buford Hwy, Doraville, GA 770-936-7080 (MetroAtlanta).

Visitors are welcome to this very informal gathering. Bring your show and tell items and be prepared for a fun time.
For more information about the NOGA QRP Group check out the NOGA WEB page at <http://www.america.net/w4qo/nogaqrp.html>

Sam Billingsley AE4GX Atlanta, GA

Date: Wed, 6 Jan 1999 16:37:08 -0500
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.edu>
Subject: [28950] RE: PS Spice 6.0
Message-ID: <001801be39bc\$b8527880\$04000a0a@nwarfiel.usf.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How can I get PS Spice 6.0 , as I don't have access to the WWW.
Can receive attachments...even looong ones
Any ideas ?
Arnie
C02KK

Date: Wed, 06 Jan 1999 15:03:29 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: brian@iquest.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28951] Re: To QSL or not to QSL....
Message-ID: <4.1.19990106145332.00acc7d0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:08 AM 1/6/99 -0800, Brian Murrey wrote:

>
>IS MY IMPRESSION THAT MOST HAMS QSL RIGHT OR WRONG? My email on the
>subject would suggest otherwise.
>

Yes, MOST hams QSL. In one form or another, that would be a fair statement.

The degree of QSL'ing is another subject.

1. QSL 100% - send a card for EVERY QSO (when an address is available).
2. QSL for awards. (DXCC, WAS, WAC, USA-CA, etc).
3. QSL received QSL's.
 - a. Only if there is an SASE.
 - b. If there is an SASE or not.
4. QSL received QSL's "when I get around to it".
 - a. Only if there is an SASE.
 - b. If there is an SASE or not.
5. QSL ---- NOT!

Those 5 categories can be broken down into a lot of sub-categories, but I think that most hams fall into one of the 5.

SASE's and return postage is another soapbox, but that wasn't part of the question!

73 Hank K8DD

MI-QRP	QRP-ARCI	G-QRP	ARRL/LM	QCWA/LM	QCAO/LM
NorCal	ARQRP	FISTS	OTC	OOTC	VyOTC

*/	Hank Kohl	K8DD	k8dd@contesting.com
*/	ARRL TS		http://www.tir.com/~k8dd
*/	MI-QRP - Vice Pres.	QRP-ARCI - Director	
*/	G-QRP	ARRL/LM	QCWA/LM QCAO/LM

Date: Wed, 6 Jan 1999 15:13:15 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Cc: GQRP-L List <gqrp-l@blacksheep.org>
Subject: [28952] Handy Solar/Geomagnetic Activity Charts
Message-ID: <Pine.SOL.3.91.990106151028.11759A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

THE HANDIMAN'S GUIDE TO SOLAR/GEOMAGNETIC CONDITIONS
from Paul Harden, NA5N

GEOMAGNETIC INDICES AND CONDITIONS

Kp	Ap	GEOMAGNETIC	HF	
Index=	Index=	FIELD CONDITIONS	NOISE	AURORA
0	0 - 2	Very Quiet	S1-S2	None
1	3 - 5	Quiet	S1-S2	Very Low
2	6 - 9	Quiet	S1-S2	Very Low
3	12 - 18	Unsettled	S2-S3	Low
4	22 - 32	Active	S3-S4	Moderate
5	39 - 56	MINOR Storm	S4-S6	High
6	67 - 94	MAJOR Storm	S6-S9	Very High
7	111 -154	SEVERE Storm	S9+	Very High
8	179 -236	SEVERE Storm	Blackout	Extreme
9	300 -400	EXTREMELY SEVERE	Blackout	Extreme

Kp= Planetary K-index, averaged over past 3 hours and tends to be a measure of current conditions

Ap= Planetary A-index, 24-hour average and represents overall geomagnetic field conditions for the UTC day

HF Noise= approximate "S-meter" noise level <10 MHz.

Aurora - Approximate level of auroral activity

High conditions usually extends to: Latitude 45 deg.

Very High conditions extends to about: Latitude 35 deg.

Extreme conditions can extend to below: Latitude 35 deg.

SOLAR WIND averages 350-450 km/sec and density <10 p/cm³

>500 km/sec or high density can trigger geomagnetic activity

SHOCK WAVE from a solar flare or Coronal Mass Ejection (CME)

arrives at the Earth about 55 hours after the solar event.

SOLAR FLARE CLASSIFICATIONS

FLARE	TYPE OF	HF RADIO	RESULTING
CLASS	FLARE	EFFECTS	GEOMAGNETIC STORM
A	Very small	None	None
B	Small	None	None
C	Moderate	*Low absorption	*Active to Minor
M	Large	*High absorption	*Minor to Major
X	Extreme	*Poss. blackout	*Major to Severe

*Conditions cited if Earth is in trajectory of flare emissions

Flare class further rated from 1-9, ex. M1, M2, M3 ... M9

The larger the number, the larger the flare within that class
 An X7-X9 is considered a "Grand daddy" flare. Only a few have
 occurred over the past 30 years and causes total disruptions
 to communications, huge aurora's, power grid failures, etc.
 Radio and x-ray emissions from a flare effect the Earth for the
 duration of the solar event, usually 30 minutes or less.
 The Earth is 8 light minutes from the Sun.

SUNSPOT/ACTIVE REGION CLASSIFICATIONS

SUNSPOT CLASS	DESCRIPTION OF THE ACTIVE REGION	POTENTIAL FOR FLARE ACTIVITY
Alpha	Unorganized, unipolar magnetic fields	Little threat, but watched for growth
Beta	Bipolar magnetic fields between sun spots	C class flares and possible large M class
Delta	Strong, compact bipolar fields between spots	High potential for a M or X class major flare Major Flare Alert issued

----- cut here -----

Above designed for printing out on 8.5x11 sheet for a handy reference.

Above information may be freely used in other newsgroups, ham radio
 reflectors, non-profit journals, etc. without permission providing
 credit is cited.

If there's anything you feel should be included, let me know.

72, Paul NA5N
 National Radio Astronomy Observatory
 VLA/VLBA Radio Telescopes
 Socorro, New Mexico
 pharden@nrao.edu

 Date: Wed, 6 Jan 1999 17:11:47 -0500
 From: hamjoel@juno.com
 To: qrp-l@lehigh.edu

Subject: [28953] for shame: I get serious too late...
Message-ID: <19990106.171402.-8905.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear Highest gang:

for sure thing, I tell u true.... I took down the dipole and w8jk and put up the half square and bob tail curtain.... using new ant lead in wire... this time rg8u....

signals come and go, very intermittently... swr not changing and easily brought to whatever I want with the tuner...

I think... (yes sometimes I do that) the signals are hitting here some kind of funny way different than in the summer / fall.... scratch the ant as being bad... no way.... done checked that...

Bypassed the tuner and it made no difference... checked the coax leads...

checked that also..... do not have a signal generator to put on the qrp++ to verify it's sensitivity... but think it's ok...

Power output is ok... signal ok stations I can contact... My thoughts are that I have not found the right ant angle to match what's coming in.... or maybe the mountains around here are doing me dirty...

kinda like being circled by alligators... u know u gonna get ur tail bit off no matter which way you face.... :-(

Got sneaux on the ground, sneaux in my beard, and sneaux on my head... but I an't got no degrees F or decent signals on the radio.... Perhaps it's time to go back to flying my rc planes...

joel wa5cvm, kernel in confederate ultralight air force, suffering in the sneaux....

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 06 Jan 1999 17:15:40 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [28954] Re: North American QSO Party
Message-ID: <3693E08C.1235@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NM5Mike@aol.com wrote:

> Thanks to KU7Y for pointing out my mistake.

He has pointed out a few of mine over the years, too. :-)

73, Ed Hare, W1RFI
ARRL Lab

Date: Wed, 06 Jan 1999 22:28:07 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28955] Re: Fw: Re: Slingshots for launching
Message-ID: <3693E377.74B020EA@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

John Evans - N HJ wrote:

>
> ...And they bounce better than us 0F's do !!!!

Only parts of us 0Fs bounce, the rest just lays there.

--
73 es have fun
Peter
VE6YC D021wc

Drinking and calculus don't mix. Never drink and derive!!

Date: Wed, 06 Jan 1999 15:32:02 -0700
From: "John Evans - =?ISO-8859-1?Q?N=D8HJ"?= <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [28956] Re: Handy Solar/Geomagnetic Activity Charts
Message-ID: <3693E462.D805A377@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not trying to be picky guys.... just wanting to be sure everyone know which contest is which..... I'll be drumming

up support for QRP entries/teams for the Sprint next month!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 6 Jan 1999 18:05:08 -0500
From: "Larry H. Lyda" <wa4pjp@volstate.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28958] Brad Bradfield : Transformer needed
Message-ID: <005501be39c9\$081ed280\$27338cd1@larry>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brad,

I didn't see it in the catalog, but check at Antique Electronic Supply>
Phone 602-820-5411 or check webpage www.tubesandmore.com

72

WA4PJP
Larry

Date: Wed, 06 Jan 1999 22:50:27 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: rattray@gpfn.sk.ca, Low Power <qrp-l@Lehigh.EDU>
Cc: Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: [28959] Re: Y2K
Message-ID: <3693E8B3.4D13DDE8@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

This is why I plan to be on a cruise ship on the first.
I am sure they have done lots of research to make sure those
ships will still float after Jan 1, 2000.

--

73 es have fun

Peter

VE6YC D021wc

Drinking and calculus don't mix. Never drink and derive!!

Date: Wed, 06 Jan 1999 17:07:33 +0000
From: James Parsons <k5rov@wcc.net>
To: pharden@aoc.nrao.edu, qrp-1@lehigh.edu
Subject: [28960] Re: Handy Solar/Geomagnetic Activity Charts
Message-ID: <36939855.237341B1@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul, those are great charts, and great info. I printed out the data and
will use it for a long time to come.

Thank you so much. Your efforts are truly appreciated.

Best 73,

Jim, K5ROV

Paul Harden wrote:

>
> THE HANDIMAN'S GUIDE TO SOLAR/GEOMAGNETIC CONDITIONS
> from Paul Harden, NA5N
>

.....
--

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Wed, 6 Jan 1999 15:41:10 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [28961] re: IC-706 OWNERS SURVEY
Message-ID: <19990106234110.24316.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello y'all - -

One correction, lest someone be misinformed. My post said that
repeater splits were not saved to memory. I have been informed by a
couple other qrp-l readers and IC-706 owners that repeater splits are
saved. It appears that I must have misunderstood what some of the
other respondents told me. Sorry for the misinformation.

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WB0CGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377	SMIRK #4906
ARS #72	Austin QRP Club #e

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

End of QRP-L Digest 1328

